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800 Mariners Dr.
Kemah, TX 77565
David W. Brown

PROFESSIONAL SUMMARY:

Software engineer looking for development challenges with excellent architectural design, programming, administrative, testing skills (Full Stack solutions) on Linux (Ubuntu), Mac Pro Book, Windows 7/8 workstations. I architect and build Micronaut/Java, Grails/Groovy, JdbcTemplate, Java11/JVM based framework web apps using Intellij Ultimate, Webstorm, PyCharm, Android Studio, DataGrip, AWS S3, AWS Postgres, AWS Lambdas, MVC and server-side Java, web services using Micronaut, Apache Project API, Grails/GORM/Groovy, HttpClient, many Grails plugins, Docker, PostGreSql, MySQL, H2, Servlet API (J2EE), Apache-Commons, Apache CXF, Grails REST (JSON get, post, put), Spock, Log4j, Maven, bouncycastle.com, AngularJS/UI-GRID, Javascript libs: ramdasauce.js, prettycats.js, search.js, react.js, CSS, OWASP/ZAP, Oracle 12c, git, Jenkins, Agile/Scrum/User Story using JIRA or Redmine and FOSS (Apache project)

Strategy: Agile/Scrum/User Story: www.agilemanifesto.org, User Stories applied Mike Cohn and Kent Beck, Effective User Story writing D. Ray Freeman.
JDKs: 1.1.5 – 1.11
Java API/JVM: Micronaut framework, Play framework, Grails 1.3.6/1.3.7/2.0.0/2.1/3.6 using many Grails plugins, HttpComponents, Log4j, POI, HSSF, Standard Java packages, J2SE, JDBC, JdbcTemplate, data.sparkfun.com.
Languages/Scripting: Java, ANSI C, Groovy, AWK, BASH, Bourne, HTML, JSP, GSP, Play views: AngularJS, ui-grid.js, datatables.net, ReactJS, Javascript, CSS.
Servlet containers: Tomcat, Jetty.
Frameworks, Toolkits, Plugins, APIs: Grails 1.3.6/1.3.7/2.0.0/2.1.1/2.5/3.x w/ many plugins, Apache, Grails plugin: Apache CXF, Axis, AWS S3, *Grails Spring Security plugin*, Intellij 2020.1.4 + plugins, Eclipse Luna + plugins, bouncycastle.org (v149), DidiSoft, Play framework, Jackson JSON API, angularjs, ui-grid.js, datatables.net, node.js, npm.org. csv-crunch.java
SCM/VCS: Git, Jenkins, bitbucket.org, gitbucket, redmine, Atlassian toolsuite
Protocols: RFC1180, RFC3235, RFC959, RFC4251, RFC2821, RFC3902, RFC7159, TCP/IP, HTTP 1.1, FTP, SSH, SMTP, SOAP, JSON REST, SFTP, FTPS, .
DHTML: GSP, JSP , HTML, AngularJS, Chrome Advanced REST Client.
File Data formats: JSON, XML, PDF, DBF, CSV, ASCII, PROPERTIES.
Archive formats: .CLASS, .WAR, .JAR, .ZIP.
RDBMS: PostGRESql, MySQL(pre/post Sun) 5.x, MariaDB, HQL.
Tools: Intellij 2020.1.4 + plugins, Datagrip, Webstorm, PyCharm, JMeter, JvisualVM, Cygwin, ConEmu, AWK, OWAS ZAP.
Testing/CI: Jenkins, Junit, Jmeter, PhantomJS, Chrome Advanced REST Client, Chrome Developer Tools.
Repos/Issue Tracking/Wiki: github, redmine, bitbucket.org, gitbucket, Atlassian (JIRA), git, git-extras, Confluence/Balsamiq wire-framing, cacoo.com/wireframing.
SQL/DDL: create, drop, alter, GORM.
SQL/DML: select, sub select, join, group by, having, order by, insert into, update, delete, union, GORM.
IDEs: Intellij 2020.2, Datagrip, Webstorm, Rider, Android Studio.
Editors: JE, Atom, vi, vim.
UML: cacoo.com sequence diagrams, wireframing, Confluence Blog wire-framing, activity diagrams, state diagrams, use case, class diagram, ERDs.
OS: Linux (Ubuntu 18.0.4 LTS, Debian, CentOS), Apple IOS, Windows 7/10
Prod. Servers/Cloud: tomcat, apache, digitalocean.com, cloudfoundry.com, Ubuntu Linux 18.04 LTS.

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PROFESSIONAL EXPERIENCE:

ENERGYTRANSFER.COM (Contract) August 2021 – December 2021
Grails developer
Houston, TX (Remote)

- ***Gap Analysis***: 4 Jira tickets: the initial task was to create a form page → Tariff Subscriber request running on a Grails application: Infopost. This page presented the end user with a matrix of checkbox assets as pipelines to select and form fields to fill in for the client company to acquire the targeted assets for their assigned commodity. The remaining tickets were assigned as a result of ET's acquisition of Enable Midstream Partners.
  - Migrate the Enable website menus and data to Infopost mostly XML documents and PDFs.
  - Verify the sitemap
  - Implement reCaptcha
- **VCS, IDEs, Ticket tool/Wiki, CI, Dbs**: Subversion, Intellij 2021.3, Datagrip, Jira/Confluence, Jenkins, Microsoft SQL Server.

Sabbatical April 2020 – December 2020.
What: Coastal cruising Texas Gulf coast
How: vessel 40ft masthead sloop
Where: Port Arthur to South Padre Island

JPMORGANCHASE.COM (Contract) August 2019 – February 2020.
Fullstack developer
Houston, TX (Remote)

- ***Gap Analysis***: primary duties several Jiras new features/chores React front end application for internal web services for purposes of developing better cyber security strategies to include remediation of elevated privileges of world wide JPMC employees. In addition coverage of database failed connections and the subsequent ETL of the failures as .CSV into a proprietary Excel workbook reports as the deliverable to Price Waterhouse Coopers audit.
  - Jira ticket to edit, build, commit changes and push to Git repo a *HP ALM* application with Angular UI.
  - Jiras to add several REST APIs to a newly created React application *HP ALM Hygiene Dashboard* to fetch various REST URLs as JSON from a company REST server.
  - The two web services described above are runnable jars with embedded Tomcat and communicate with each other via REST requests and responses (a microservice).
  - Created a Java/JDBC command-line application using picocli, CSV-CRUNCHER and python library PANDAS, pawk (python-awk) to populate the workbooks of coverage/failedconnections sourced via JDBC queries from various instance and hostnames of: Sybase, SQL Server and Oracle databases.
  - DDL renaming of table columns in a large number of tables using SQL Developer/DataGrip
  - **Platform:** Unix
- **VCS, IDEs, Ticket tool/Wiki, CI, Dbs**: git, Intellij Ultmate (2019.1.3), Webstorm, Datagrip, PyCharm, Atlassian: Confluence, Jira, Jenkins, Github, Artifactory, Sybase, SQL Server, Oracle, Docker.

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VERISK.COM (iso.com) April 16, 2018 – July 2019.
Micronaut/Java Developer
Bryan, TX

- ***Gap Analysis***: primary duties fielding tickets to learn the underlying system process execution, develop devops tools.
  - DevBatch state motor vehicle registration (MVR), driver monitoring (DAS), employer/employee background check, state court records, file data (CSV) ftp/sftp download issues
    - Many company repos cloned to resolve the daily JIRA tickets created from logged errors
    - Use of: AWK, Python and bash shell script and bash commands to normalize or reject the target data file.
  - SCCS: clone the SCCS server/client for configuration of system wide application properties. https://github.com/spring-cloud/spring-cloud-config.git
  - Dectool: command line devops tool built from picocli and micronaut as a maven project built using Jenkins. Uses a custom in house symmetric key to perform the decryption. The tool was created from the micronaut framework using the following command line:
  - *Micronaut create-cli-app --build maven --test spock dectool*
  - Review AWS migration potential frameworks for:
    - Micronaut AWS Postgres instance sql migration from Oracle schema
    - Micronaut MongoDB migration from Oracle
    - Micronaut Ftpclient
    - Create and run remote version of an AWS Lambda function. The target here is to create several Lambda functions with limited scope to communicate with each other via a REST API (a microservice).
- Introduced Production team to Docker to build, test and deploy batch applications.
- **Platform:** Linux
- **VCS, IDEs, Ticket tool/Wiki, CI, Dbs**: git, Intellij (2018.3.5) Ultimate, DataGrip, PyCharm, PostGreSql, MongoDB, Oracle, Github, Artifactory.

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HOWDY.TAMU.EDU February 15, 2016 – March 30, 2018.
Grails/Java Developer (EIS dept.)
College Station, TX

- ***Gap Analysis***: primary duties to design Grails applications to replace current functionality found at the school website. The shortlist of Grails applications: Former Students, Ellucian Banner Java jar files replacing the ANSI C Oracle (12c) backend processing, Replaced Ellucian Eprint Reports as Compass Reports Grails 2.5 application to display 5 mime-types of reports: .txt, .pdf, .lis, .log, .xls, CompassReportsMaintenance, Grade Change application for the Registrar and college Dean and Dept. Heads. All Grails apps created using Jquery (fetch JSON with .ajax()), angularjs/ui-grid.js, react.js and front-end and JS libraries: ramdasauce.js, prettycats.js. The target here is to create web services running in application using a common service architecture that allowed inter application communication (a microservice)
- **SCM, Ticket Tool/Wiki, Dev, Build, Testing, Deployment, Performance, DB, APIs**: Intellij Ultimate (2017.1.2), Confluence, Bitbucket, Jenkins, Jquery/Javascript/AngularJS/UI-GRID, functional JS: ramda, ramdasauce, prettycats, JQuery, bootstrap, Fuse, Grails plugins, Oracle 12c, JSON, Blob, Clob, MongoDB.
- **Servlet server:** Tomcat 7, 8.
- **Platform:** Sun Solaris
- ***Conferences:*** g3summit Austin, TX Nov.-Dec. 2017.

D. Ray Freeman: Effective User Story training Dallas, TX September 21 – Nov 2, 2015.

VICTIV.COM (now StarsDraft) (Contract) August 2014 - August 2015
Java Developer
Bryan, TX

- ***Gap Analysis***: designed and implemented admin tools to aid the victiv.com administrators in the tasks of: slushing account holder funds, creating new and updating existing account holder information, creating and updating contests, contest lineups, contest state changes, contest name changes, et. al. The programming tasks were assigned from the Jira and carried out against the comments and instructions in the assigned Jira programming task issue. Programming tools and devices used to complete all programming tasks: Intellij 13.1.5, Java 1.8, Play framework, REST/Jackson JSON API, MySQL console, opencsv 2.4.
- **SCM, Ticket Tool/Wiki, Dev, Build, Testing, Deployment, Performance, DB, APIs**: Intellij Ultimate (13.1.5), Jira, Jenkins, Junit, JVisualVM, Java 1.8, Play framework, MySQL console, Jackson JSON, opencsv 2.4.
- **Servlet server:** Tomcat
- **Platform:** Linux
- **Project name:** victiv.com (now StarsDraft).

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dmbgroup.com (contract) Oct 2012 – July 2014
Java Developer
Highland Village, TX

- ***Gap Analysis***: project responsibilities extend to the assignment of and solution to change requests via change requests. The DXOP (Data Express Open Platform) enterprise web app consists of a large number of threaded classes that process child objects of the parent EpicCollection class. The EpicCollection class is a Factory implementing a List of Java Objects by extending the class EpicObject. The class EpicObject overrides the Java Object clone method. In summary the target application processes a List of Java Objects as a Factory lookup of Java Objects. Major contribution: created a cryptographic API bcpgutils from bouncycastle.org/didisoft.com imlementation of Java based cryptographic classes that compile and build into the solution needed to replace the company's use of a disparate system: command-line gnupg. Project refactored to migrate DXOP to AngularJS, Jackson JSON and AWS S3. All SPAs tested with OWASP ZAP.
- **Project name:** DXOP (dataexpress.com dxop.dmbgroup.com Open Platform). Java based MVC that accepts requests for electronic file transfers between financial institutions using various protocols: FTP, SFTP, FTPS, SSH, DISK, HTTP(S), SMTP.
- **SCM, Ticket Tool/Wiki, Dev, Build, Testing, Deployment, Performance, DB:** MySQL and MSSQL and clients. Git repo, gitbucket issue tracker, Intellij Ultimate (13.1.5), Gradle, Jenkins, ExecuteQuery, DBVisualizer, Tomcat.
- **Platform:** Unix
- **UML Seq diagram:** FTP file transfer diagram available upon request, Wire-framing of Protocol properties via cacoo.com.

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armbruster-it.de Jun 2012 – Oct 2012
Android developer (Contract)

- Assigned task to create a prototype using the Android 4.1 (ICS) ActionBar and Apache HTTPClient apis to design and develop an Android app to allow the creation of new and the updating of existing users for the Inguran LLC project.

armbruster-it.de
Grails Architect/Java Lead Mar 2009 – Apr 2012
Navasota, TX

- ***Gap analysis***: the target here was to replace the monolithic application by implementing the User Story style of Agile development as written by Kent Beck and Mike Cohn. Many hours were put into acquiring the User Stories that eventually found their way into the Redmine issue tracker. Specifically, the perspective and focus of the management, stake holders and the users was directed to a single page in the Redmine issue tracker, namely: the Product Backlogs and the Sprints that led to the deployment of the individual: Dev, QA and Production deployments. UX and Wireframing was employed vis-a-vis cacoo.com. The wireframing combined with the User Stories posted in Redmine was the guidepost for developing the Grails domains, controllers and services. The monolith was reduced to several smaller applications with their own service architecture commonly know as a microservice. As stated above many Grails plugins were used but are now integral with Grails 2.1.1 as can be seen in our repository. In particular the Grails Apache cxf was used to create an Apache CXF web service client to consume the WSDL from an SAP Business One instance running the B1WS wrapper. I installed Visual Studio with .NET and C# to code the web service side of the SAP issue so the Grails WS client could consume the WSDL that exposed the SAP Business One server-side methods to supply the server with the needed data to generate invoices. SAP has no real web presence and definitely nothing in the Cloud (at the time of this project). Project names: Livestock Reproductive Services (see link below) and bullseye2 were developed by me as Lead Architect to replace an existing bio-tech web application (Bullseye) from the current Java Servlet/POJO/Stored Procedure/SQL Server 2005 environment to a development environment composed of: Grails 2.1.1, many Grails plugins (CXF and Reporting) employed with MySQL. Programming tools: Java 1.6.0_18, Grails 2.1.1, HTML/CSS FireFox debuggers. Other tools: cacoo.com (UML sequence and UX wire-framing). Project migrated to ayokasystems.com.
- **SCM, Build, Deployment, Performance, DB and tool suite:** Git, Intellij, Redmine, Tomcat, DBVisualizer and MySQL.
- **Repo/Issue Tracker/Wiki/Proj. Management: http://bitbucket.org**
- **Wireframing/UML: cacoo.com**
- **Dev/QA/Prod deployments: Livestock Reproductive Services/Bullseye2**

Onsite: Inguran LLC. dba sexingtechnologies.com (Inguran LLC contract).

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First American Flood Data Services (now Corelogic) May 2008 – Jan 2009
Java/J2EE Developer
Austin, TX

- ***Gap analysis***: I identified the Xythos API as a solution to add an archival function to the existing servicing application software (See Projects bullet). Using the Xythos API I designed, coded, tested and deployed the XythosProxy project (XythosProxy) named under the Projects bullet above.Target software: Insmap (GIS) and so-called Servicing project applications.
- **Programming tools:** Java, Eclipse IDE (Kepler), too many Eclipse plug-ins to list, NetBeans 6.1.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Ant, Hudson, SVN, DBVisualizer, Tomcat, Oracle.
- **Platforms:** Sun Microsystems Sparc, Linux Debian/Ubuntu, Windows 2003 server and XP
- **Servlet containers:** JBoss (4.2.x), Tomcat (5.x), Glassfish, Weblogic (9.2).
- **Projects:** 1. Insmap – GIS flood data application. Design, develop and deploy the new features of Insmap while maintaining existing functionality. The application consists of 12 .war files all deployed on Tomcat @ imdev.flooddata.com and imbeta.flooddata.com, Servicing: code review, changes and assessment of company outsourced software engineering projects. 2. SWAN a servicing software to connect several desperate systems. 3. XythosProxyServlet/XythosProxy (FileUpload/HttpClient) – this project uses the apache.org/FileUpload and HttpClient jars to build a Xythos based Servlet to upload files from server-side disk to the Xythos system. Developed and maintain a Swing App client (GridBagLayout) using the HttpClient jar to upload the target files to the server-side disk system via the XythosProxy to the XythosProxyServlet returning a XythosProxyResponse object. 4. Client side Swing app (Super Audit/qcreport.jar) to issue ad hoc SQL for quarterly and fiscal year-end output of CSV data files as input to the accounting dept. Excel spreadsheets. 5. Internal systems use Swing app that accepts Oracle table column value task_id and resubmits pending flood data certifications and updates other Oracle DB table columns accordingly. The Swing app does a JNDI lookup of XDoclet generated EJBs that contain the required server-side (WL 92) class methods to execute the needed processing.

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David W. Brown

CBRES Dec 2007 – Feb 2008
Software Engineer/Java Programmer – Contract
Houston, TX

- ***Gap Analysis***: using all the tools and methods named in the bullets below I identified the solution for strenuous load and performance testing of 4 web-based applications. I also used a matrix interview technique to compile as part of a 24 page deliverable document to the client stating in detailed terms the sequences of steps and events required to bring all 4 applications within an acceptable throughput and performance status.Programming tools/(MVC).WAR/frameworks/web containers: JBoss 4.0.5/4.2.1, Tomcat 4.x/5.x, JDKs: 1.3.x, 1.4.x, 1.5.x, JMeter 2.3.1 (CVS Trunk 20080408), Eclipse (Europa), Ant 1.6.x.
- **Target software application(s):** HP Openview (Peregrine OAA Get-it), Bear River: Star Receiver mail tracking system, DSIS drum storage inventory and tracking system with an Apache/Axis (1.4) web service.
- **Platforms:** Windows 2003 Server, Debian/Gnu Linux SMP server 4.0.
- **Project:** performance tuning and monitoring assessment of current and projected J2EE web containers: ~~JBoss~~ and Tomcat and deployed .war applications described in previous bullet. JMeter: the jarkarta.apache.org load testing and performance metrics tool of choice. With JMeter a rigorous distributed JMeter *Test Plan* implementation was conducted. The final analysis of the JMeter *Test Plan* results helped determine the direction needed to improve or replace the current web container deployment and the deployed web applications described in the second bullet. I developed a custom servlet container monitor using the JMeter sourcecode: a JMeter plugin enhancement as a 3rd tabbed pane in the JMeter Monitor Results Listener to add the MailerVizualizer Listener functionality to the 3rd pane as displayed on the MonitorHealthPanel.
- **JMeter Bugzilla enhancement:** Assigned enhancement

FSV Payment Systems Apr 2007 – Nov 2007
Web Services Architect/Java Programmer
Houston, TX

- ***Gap analysis***: using the tools and software frameworks stated in the bullets below I: identified, acquired, configured, installed and deployed these software(s) as a solution for the analysis, design, coding, testing (junit/performance), deployment (dev, beta, prod), monitoring and maintenance of the web service FSVRemote as described above.Target software application(s): FSVRemote and FSVSMS extranet web services.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Git, Intellij, Tomcat4.2.1, Axis1.4, Axis2, ANT 1.7.x., JDKs: 1.4.x, 1.5.x.
- **Platform:** Sun Solaris/Linux.
- **Project:** web services – I designed, developed and deployed FSVRemote and FSVSMS. FSVRemote enables a client to implement single method stub: transact() to issue a SQL statement with special system codes to get a response from the FSVRemote service for: account balances, create new accounts, update existing accounts. FSVSMS enables a client to send SMS text message alerts to clients of changes in account status. And, alert system admin and management of system status changes. This essentially bridged two disparate systems. All testing done with Ant.

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Germania Farm Mutual — Oct 2006 – Apr 2007
Java Programmer/J2EE (Contract)
Brenham, TX

- ***Gap Analysis:*** using the tools and frameworks noted below I resolved 4 TaskMaster (Visual Source Safe) assignments. The most prolific of these assignments affected the electronic sweep payments and the client liability status requiring the design and implementation of changes to several Java server-side classes and several front-end JSPs.
- **Target software application(s):** germaniaagents.com.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Websphere/WSAD/RAD 7, ANT 1.6.x., JDKs: 1.4 – 1.5.x
- **Platform:** LPAR AS/400.
- **Project:** ACP - Agent Communication Program. Web application to allow the remote login of users: Germania Insurance Agents www.germaniaagents.com (defunct 2009). Upon login the user agents are presented with many tools to perform tasks such as: creation of new policy draft quotes and endorsements. ACP is a MVC model II web application (originally created by IBM). The application consists of: 33 controllers, 99 views (view beans) and 34 data model business object classes, 128 DB table interfaces and 224 JSP. Developed, unit tested and deployed many project and functional tasks in the expansion of the above named project: ACP.

K.B.R./S.E.I. — Aug 2004 – Oct 2006
Java Architect/Systems Administrator/Networking/ - Contract (Full Stack)
Houston, TX

- ***Gap Analysis:*** the bullets that follow outline the solution to a very large problem held by the State Dept. namely the inability to inventory and track issuance of government owned property issued to both civilian and military personnel.
- **Target software application(s):** /ITASSETS extranet web application.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Intellij, JDKs 1.5.x, ANT 1.6.x, Tomcat 5.5.12, Excel SS & MySQL 4.23, hSQL, iText PDF Java API.
- **Platform:** HP Proliant ML350 w/ Mandrake 10.1 Corporate Server. Windows 2003 server, Windows XP & 2000 clients running on Halliburton 34. (dot) subnet.
- **Project:** USM-I/State Dept. Provide systems administration/helpdesk to S.E.I. and State Dept. employees. Designed, developed, unit tested, deployed and maintained S.E.I. IT Assets EAP MVC web based application and database: ITASSETS for all IT Assets inventory for KBR/State Dept. International Zone and North Iraq. Complete reorganization of 4000 sq. ft IT Assets Warehouse containing approximately 15,000 property items. 100% inventory completed of IT Assets available online over the Halliburton network (34.0.0.0). DB later migrated to hSQL.
- **Onsite:** Baghdad, Kirkuk, Mosul.

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Mutual of Omaha Apr. 2004 - June 2004
Java/J2EE Programmer – Contract
Omaha, NE

- ***Gap Analysis:*** the design and coding of several server-side and client-side Java classes for the detection of potential fraud of multiple medical clinic claims levied @ www.cms.gov (formerly cms.hhs.gov).
- **Target software application(s):** cms.hhs.gov/medicare
- **SCM, Build, Deployment, Performance, DB, and tool suite:** JDK 1.4.1, WSAD 5.0.1, RapidSQL, IBM Command Center, ULTRAEdit editor, DB2/UDB 8.0.
- **Platform:** Windows 2003, XP and IBM AIX(4070).
- **Project:** Member of a team to develop an online Medicare fraud detection MVC web application (LOLA Plus): www.cms.gov. I designed and developed the Java classes and DAOs for the SQL generator module to allow ad hoc queries.

OURINTERNET.US Nov. 2002 - Mar 2004
ISP Linux Administrator – Consultant (remote administration DBA webitplanet.com).
Plantation, FL

- **Target software application(s):** web servers, email servers, dns servers, MySQL DB, SSH, Samba, SpamAssassin.
- **Remote site:** Magnolia, TX.
- **Programming and Admin tools:** Bash and Bourne shell, C, Make, awk, rpm, tar, ftp, iptables, shorewall, webmin, qmail, postfix, imap, pop, dns and bind 9, rndc, dig, host, netstat, lsof, MySQL, hSQL.
- **Project:** Upgrading, installing and configuration including source compiles on colo Linux servers: web2.ourinternet.us and cp.ourinternet.us of webmin 1.070 and other software via remote access using: SSH and Webmin.

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Barrios Technology May 2002 - Sept. 2002
Web Developer-PL/SQL Programmer - contract
Clear Lake, TX

- **Target software application(s):** VMDB extranet site.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** oracle OAS 8.1.7 (8i) PL/SQL, stored procedures and functions, html, JavaScript and korn shell.
- **Project:** Team development and implementation of OAS based security (DAD) to migrate current security system from ip/.htaccess (Apache) based access security to DAD/programmatic (user id/password) based access security for: Vehicle Master Database (VMDB) at JSC/NASA. Participated in the start-up phase of project application migration from OAS to Jboss.
- **Onsite:** NASA Clear Lake, TX.
- **Architecture:** stored procedure package body and korn shell script central web.

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American General Financial Group — April 2001- Oct. 2001
Java/J2EE Programmer
Houston, TX

- **Gap Analysis:** the project target was to replace the Bloomberg floor trading solution with an in-house designed and built enterprise web application for fixed income annuities floor trading. The details are outline in the bullets below.
- **Target software application(s):** AGFG FIS/FIA web trading extranet application.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Dreamweaver 4, Jdeveloper (OC4J), JDK 1.3, J2EE, HTML, JavaScript, JSP, Servlets, JavaBeans (Use Beans), JBOSS EJB (Session bean), Tomcat , Orion, SQL Plus (Oracle 8i), Oracle 8i DB, UNIX shell script, ANT Build.
- **Project:** Design and code modules for a Trade Process System. A MVC (multi-tiered) architecture i.e. Browser-App Server-DB application built using the above software development tools. This system automates a Fixed Income Securities Trading business model.
- **Architecture:** MVC model 2 using 9iAS and Jboss-2.4.4, Tomcat-3.2.3.

UCC Direct — Feb. 2001 - April 2001
Java/J2EE Programmer
Houston, TX

- ***Gap Analysis:*** to maintain and implement new features in the interim before the launch of the replacement web app: www.ctliensolutions.com replacing: www.accusearchinc.com.
- **Target software application(s):** accusearchinc.com.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Java JDK 1.2.2, J2EE, Nouveau Rogue Wave (CORBA JAVA IDL tool), Webmacro a MVC architecture server and script language, HTML, JavaScript, JRUN, Jbuilder 3.5. ETL.
- **CASE tool:** Visio/UML, ERDs.
- **Platforms:** Windows NT, Sun Solaris.
- **Projects:** www.accusearchinc.com (now wolterskluwer) - Developed new and maintained existing Java MVC design pattern Servlets deployed under Webmacro and deployed on NT and Solaris servers w/ RPC interfaces to legacy C architecture to Oracle 8i DB backend.

American Bureau of Shipping — Oct. 2000 - Feb. 2001
Java/J2EE Programmer – Contract
Houston, TX

- **Target software application(s):** O2K ship inspectors ship certification extranet based tool.
- **Platforms:** Windows NT
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Java JDKs: 1.2.2/1.3, J2EE, JSP's, JavaScript.
- **Projects:** EJB 2.1 MVC Java "framework" similar to the Sun Microsystem website "blueprints" shopping cart example. Used JSP's and container and bean managed EJB's to construct browser applications for the surveying and certification of ships. Backend data on Oracle 8.0.6. ETL used for data migration.

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David W. Brown

Common Vision (consultancy) Nov. 1999 - Sept. 2000
Java Architect/Programmer – Contract
Houston, TX

- **Target software application(s):** errlogd, errlogm and EMIDAS.
- **Platforms:** Sun server running Solaris 5.7 Sun ULTRA-250.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** Java JDKs: 1.1.8/1.2.1/1.2.2/1.3 JSDK2.1, JSWDK1.0. Intellij, Weblogic 4.5.1, HTTP Apache.
- **Project:** ErrLogD and ErrLogM were designed and coded Java socket server (daemon) application to email and page designated groups of Reliant staff as to the status of internal EMS alerts and syslog events. All errors written to UNIX syslog. Coded UNIX servlet to query mySQL DB w/ search engine. Code servlet to manage (insert and update) mySQL message database w/ javadoc documentation. EMIDAS electronic floor trading extranet MVC web application.
- **Architecture:** MVC model 1 (servlet controller).
- **Shell(s):** Bourne/Korn, make, NT cmd builds.
- **Servers:** Weblogic 4.5.1, HTTP Apache.
- **RDBMS:** Oracle 8.0.4/8.0.5, 8i/8.1.6, DB SQL Plus.
- **Onsite:** Reliant Energy.

Mincron SBC (Collier Interests) June 1998 - Nov. 1999
Java Architect/Programmer
Houston, TX

- **Target software application(s):** DATAMINER extranet web application.
- **SCM, Build, Deployment, Performance, DB, and tool suite:** IBM Visual Age IDE, JDK1.2, JSWDK 1.1, J2EE, HTML, JavaScript, SQL.
- **Server:** IBM WebSphere AS, Sun HTTP, JSWDK HTTP.
- **RDBMS:** DB2
- **Projects:** Dataminer: designed and coded MVC extranet application. Project migrated from the Borland C++ version and AWT version.
- **Onsite:** Baker Distributing. Jacksonville, Fla.
- Architecture: MVC model 1.

Exxon Production Research Aug. 1991 – June 1998
C Programmer/Geoscience Research Specialist
Houston, TX

- **Target software application(s):** EXXON SEG-Y c-language seismic processing library, various INT Widgets applications: spreadsheet, seismic data processing displays, signal analysis, statistical analysis, conversions and transforms.
- **Platforms:** Sun sparc under SunOS and Solaris (UNIX). SGI under IRIX, IBM 3090, Windows NT 4.0 and Cray YMP.
- **Programming & Admin tools:** X11, X/Motif using widget sets, Sun Microsystems C, Borland C++, Fortran, UNIX file filters, Bourne/C/Korn shell scripting, AWK, TCL/TK, make, telnet, ftp.
- **Projects:** designed and developed programs/libraries to extract and process data from seismic, geological/geophysical databases e.g. (GeoQuest).

EDUCATION:

BS Computer Engineering 1985 - 1990
University of Houston, Houston, TX.

- Graduated cumulative G.P.A.: 3.18