**EUGENE DIVER**

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**OPERATING SYSTEMS:** SunOS, Windows, Linux, OSX

**SOFTWARE/APIs/DBs/TOOLS/SERVERS:**

JAVA 7, Perl, C, C++

JSP, Servlets, Swing, Struts, REST, Spring, Hibernate

HTML, XML, XSL, XSLT, Ksh, Perl, Ruby, JavaScript, JQuery, JSON

Git, Ant, JUnit, Mockito, Maven, Cucumber, JMeter, Eclipse

Sybase, Oracle, MySQL, MS SQLServer, Apache, Tomcat

**EXPERIENCE:**

**8/14 – Present WGSN GROUP *Sr.Programmer***

* Involved in all phases of full agile development for a multi-threaded JAVA client-server application used to request & retrieve historical retail inventory data, in JSON format over HTTP, using RESTful services. System runs in a Tomcat container, and accesses data from Elasticsearh, which is fed by a Hadoop cluster. The system is hosted in multiple cloud environments.

**3/03 – 06/14 THOMSON REUTERS *Sr.Programmer***

* Involved in all phases of full life-cycle development for a multi-threaded JAVA client-server application used to request & retrieve real-time and historical chart pricing data, in XML format over HTTP. System is shared by various TR Trader Workstation components, as well as external clients. System uses J2EE in a Tomcat container.
* Daily throughput is expected to exceed eight million requests with an average response time of 60-80 milliseconds.
* Designed, maintained, and published XML schemas used by the project.
* Wrote a JNI interface to a shared C object used by various web services for internal financial data.
* Built ksh and perl scripts to aid in testing and monitoring the status, statistics, and overall performance of the application.
* Built an end-to-end functional test mechanism utilizing JUnit testcases, to test various system components and integrated these into the Ant build script.
* System framework is now being used by other internal projects that have migrated from an internal binary format to a new XML format.
* Set up the performance tool to track down bottlenecks and memory usage. Also, set up a JMeter stress-test tool in order to simulate heavy system traffic.
* Built simple JSP page to collect fundamental data. Component is utilized by ThomsonONE WS.

**05/01 –02/03 STATE STREET *Sr.Programmer***

* Involved in all phases of full life-cycle development for an application used to manage hedge funds.
* Clients include J.P. Morgan, CitiBank, Goldman Sachs, etc.
* Architectured and designed automated testing feature for system, utilizing Java’s Jemmy application.
* Re-architectured and re-designed production system to include system-wide exception handling, database connection pooling, transaction management and rollback functionality.
* Set up improved regression testing procedures and improved production build and rollout strategy.
* Redesigned GUI search functionality to allow for an improved dual-mode interface.
* System currently utilizes Java Swing and has been re-architechtured to have a Web front-end utilizing Java Servlets and JSP on an iPlanet WebServer. Web front-end also utilizes XML & XSLT.
* Data persists to both Sybase and SQLAnywhere DBs and uses stored procs for financial calculations.

**04/00 – 05/01 ACROSS FRONTIERS *Sr.Programmer***

* Involved in all phases of full life-cycle development for a cultural training application.
* Migrated data from flat file databases into a SQL-based database.

**09/98- 04/00 OFFICE.COM (WINSTAR CORP) *Sr.Programmer/Designer***

1. Helped create, design and develop the persistent data portion of the site to facilitate the saving and retrieval of registered users’ personalized homepage selections. System utilizes Java Servlets in conjunction with JDBC/EJB to communicate with an ORACLE 8.0i database.
2. System uses WebLogic 4.5, Oracle 8.0i, Vignette StoryServer and Java on a Solaris platform.

**3/95 - 9/98 STARPOINT, INC. *Sr.Programmer/Designer***

***Team Lead/Designer (3/97 – 9/98)***

1. Created, designed and developed a Points Redemption Transactional Web-site for a leading bank.

Users can access site to shop and redeem points accumulated by credit card usage.

1. System uses Java Server Pages via JRun running on a Netscape Enterprise WebServer, located on a UNIX platform running Solaris. Database connectivity is performed via JDBC, (JConnect), to SQL Anywhere mostly through stored procedure calls.
2. Back-end system communicates with customer service and bank locations via PGP encrypted text files FTPed to a secure UNIX station. A Java daemon running on the Unix station will populate the database and return an encrypted text file back to the bank/customer service department.

***Product Designer – Lead Implementer (3/96 – 3/97)***

1. Created, designed and developed an On-Line Time and Billing System interfacing to company’s back-end accounting system. System provides on-line access for input and approval of all company Time and Billing.
2. System produces HTML web pages from templates containing embedded SQL scripting, HTML and JavaScript. System provides Sybase System 11 database connectivity via HumanActive Integrator, a C-based web middleware tool.

***Progammer/Analyst (3/95 – 3/96)***

1. Involved in all phases of full life-cycle development and maintenance for a leading web site for small and medium size businesses to handle mobile phone application preferences..

**11\93-03\95** **NYNEX *Programmer/Analyst***

1. Employed in all phases of design and development for the NYNEX OLP Project. OLP is the collection of applications that perform all functionality for On-Line Provisioning of the NYNEX switches. The system is written in C on an AIX-UNIX platform, utilizing Sybase and Tuxedo.
2. Enhanced the OLP Switch Direct Application, used for instant switch session access via TCP/IP sockets.

**10\92-10\93 ASTROGAMMA *Programmer/Analyst***

1. Employed in all phases of design and development for FENICS, a foreign exchange pricing tool.

**09\89 - 8\92** **DOW JONES/TELERATE P*rogrammer/Analyst***

1. Employed in all phases of design and development for a foreign exchange trading system. System is written in C on a UNIX platform, utilizing Sybase.

**03\88 - 09\89** **APPLE BANK FOR SAVINGS *PC Coordinator***

1. Perfomed all duties involved in getting the various locales set up with PCs.

**VOLUNTEER WORK: 01/87 - 01/88** **Full-Time** **Social Worker**

Managed and supervised a residential home for homeless youth in the South Bronx.

**EDUCATION: S.U.N.Y. at STONY BROOK**

* BS in Computer Science/Applied Mathematics, December 1986