
OBJECTIVE

To join a competitive and innovating organization where I can contribute to the success of the company in a challenging role

TECHNICAL SKILLS

- Languages: Java, C, SQL, Bash, JSP, JSTL, Javascript, XML, XHTML, CSS
- Frameworks: Spring [MVC, Batch], Dojo/AJAX, Tiles, Ant, JUnit, OMQ/JMS, Android SDK
- DB: MySQL 5.1, Oracle [10g, 9i], Derby, Access
- OS: Windows [XP, 7], Linux, Ubuntu
- Tools: Eclipse, Tomcat, Resin, Git, SVN, Hudson, CruiseControl, Selenium

EXPERIENCE

Software Engineer --- July 2011 to Present

CME Group Inc.

- Java developer on a large back-end system that calculated and assigned fees to clearing firms of derivative markets from multiple exchanges around the world
- Added functionality to existing spring batch jobs to persist data and provided optimized SQL allowing outside systems to retrieve data
- Optimized multi-threaded trade data processor by limiting class level locking to variable synchronization
- Design and implemented spring batch job to audit and process daily differentials on reference tables and then persist results into the EFS database for the EFS web application
- Implemented job to consume clearing files to be processed, created mapping and ItemWriter to persist data into the EFS database
- Improved job performances by increasing commit-interval for spring batch tasklets and improved code usability and maintainability with abstraction and dependency injection
- Automated daily data pulls and added email functionality, improved local interface that used JavaMail API
- Technical Java resource for transitioning Cobol developers and created a developer setup guide for new developers

Environment: Java 1.6, IntelliJ, Git, Oracle 10g, Spring Batch, Windows XP, Linux, JIRA, Maven, CruiseControl, UC4, Agile

Software Engineer --- October 2009 to July 2011

Norvax, Inc.

- Developer in a fast-paced environment on a back-end application responsible for handling 40,000+ request per day
- Promoted to team lead, responsible for architectural improvements, mentored junior developers, worked with the business and management on process improvements that aligned with company goals
- First-level technical contact for off-shore team that was migrating legacy code and daily maintenance
- Implemented extension of an existing web service framework to interface with consumer facing site
- Identified and fixed performance bottlenecks legacy framework by decreasing database connection usage, limit unnecessary object creation and SQL performance tuning
- Design and implemented Ant task to convert legacy schema to new framework schema that eliminated 20 hours per week of manual effort
- Tracked down and identified concurrency bugs that directly impacted company's revenue stream
- Executed production deployments and provided first-level technical support for production environments

Environment: Java 1.6, Eclipse, Resin 3.x, SVN, MySQL 5.1, Derby, OMQ, AMQ, Hibernate, Spring, Linux, JIRA, Ant, Hudson, Agile

Web Developer --- April 2007 to October 2009

Health Care Service Corporation

- Developed a prototype web application that integrated with existing internal server-client application
- Provided support in the development of migrating internal legacy code to Java
- Designed and implemented a dynamic enterprise metric dashboard using Ajax
- Assisted in Ajax development of consumer facing site

Environment: Java 1.6, Eclipse, Apache Tomcat 6.0, Oracle 9.1, MySQL 5.1, Microsoft IIS Server, Windows XP

EDUCATION

Bachelor of Science in Mathematics --- 2006

University of Illinois at Urbana-Champaign

- Additional course work in Physics

ACTIVITIES

- Creator of jroulette.net
- Contributing developer to betterthanhomework.com
- Annual NFJS attendee