Local Address
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Jack Kohn

OBJECTIVE

Employment in a full-time Software Engineering position at a major company, with web development as a preference.

EDUCATION

August 2010 - Present

Iowa State University

Ames, Iowa

Bachelor of Science in Software Engineering

Current GPA: 3.3

Expected Graduation: December 2014

EXPERIENCE

Maverick Software Consulting   Software Engineer

We work directly with software engineers at Thomson Reuters, developing internal applications, providing direct support to other teams, and implementing enhancements to existing applications.

PROJECTS

DataSecure Testing Tool   Eclipse, HTML/CSS, Tomcat, Java/Servlets, jQuery

DESC: A web-based tool that provided a UI and back-end to support testing the status and consistency of various Ingrian encryption appliances at Thomson. The appliances provided encryption and decryption services to the company's key products.

MAJOR TASKS:

+ Built this tool from scratch and deployed it on a Tomcat server using an Ant build script
+ Designed and implemented an intuitive one-page UI using AJAX and jQuery
+ Included 3 ways to test: Manual (input all parameters), Default (ran a test set against selected appliances), File (ran a test set from an uploaded file against selected appliances)

MyVitalSigns   Vis. Studio, ASP.NET, C#, Linq, jQuery, dotNet Charting

DESC: Large application used internally by many other teams to monitor applications, view historic data, submit requests, generate reports, and more.

MAJOR TASKS:

+ On-going support including handling customer issues and requests, fixing bugs, and implementing new enhancements
+ Enhanced several features in an exportable PowerPoint, gaining experience in OpenXML and using PowerPoint templates.
+ Designed new widgets by customer request

Novus Storage Reports   HTML/CSS, Tomcat, Java/Servlets, JDBC/SQL, JSP, jQuery

DESC: Tool to control and monitor a daily job that processed hundreds of thousands of SQL rows and copied the needed data to another location to be used by multiple teams.

MAJOR TASKS:

+ Designed and implemented a basic web interface to view real-time status of the process in progress.
+ Added timers and a pic chart widget to view historic timer data for jobs.
+ General maintenance and on-going support.

Coherence Cache Tool   HTML/CSS, Spring, Java/Servlets, JDBC/SQL, JavaScript

DESC: This tool was used to view and manage data for coherence caching used by Thomson. Used internally only, it was designed as a better solution than passing around Excel spreadsheets with the same data.

MAJOR TASKS:

+ Built comparison feature to see the history of a cache and view differences between versions
+ Redesigned high-level architecture, getting experience in Spring MVC layout.

SKILLS

+ ASP.NET, C#, Linq, Microsoft Sql Server, dotNet Charting
+ HTML, CSS, JavaScript, jQuery, jQuery UI
+ Java, Spring framework, Tomcat apps and deployment, servlets, AJAX

+ Eclipse, Visual Studio, Agile development
+ Team Foundation Server, Subversion, Open Office XML
+ JDBC, SQL, database architecture design

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