

Eric Perret

A: Available upon request.

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OBJECTIVE:

1) Particularly interested in how computers can be leveraged to enhance the productivity of employees through the automation of tasks. 2) Interested in how improvements in web-based interfaces can create a more enjoyable experience for users. 3) How to make applications run faster for the users by leveraging the complete technology stack.

EXPERIENCE

Salesforce.com, San Francisco, California

SMTS, UI-Browser Performance Engineer Cloud Computing

September 2011 - present

Working on making sure that the Salesforce.com's main web application is running as fast as possible from the perspective of the browser and the end user. With it come the complete round trip analysis: time for pages to load, become visible, browser CPU usage, memory consumption, size of resources, and many other parameters for improvement.

- Analyzing daily browser based performance tests with the latest development code.
- Spot analyzing new features being implemented by different teams.
- Working with the UI Architecture team on upcoming changes to the application.
- Incorporating industry best practices for improving performance.
- Measuring and tracking the application's performance metrics in production vs internal tests.
- Creating proof-of-concepts for new ways to improve the performance of the app in the browser.

Aetna Inc, Middletown, Connecticut

Senior Application Developer

May 2009 - September 2011

Developer/Tech Lead for a new internal web based JAVA Spring application that replaced 5 different claim applications used in multiple departments. Directed, developed, and coded the common functionality and user experience in the browser through the back end server. Additionally, worked hand in hand with the offshore team to create a JAVA/FTP batch version of the application to allow for automated file based processing.

Aetna Inc, Middletown, Connecticut

UI Application Developer

June 2005 - May 2009

Created an internal JAVA web based data-entry web application to be used actively by 15,000 employees, where I was a lead UI developer in a 20-person team. Duties include designing dynamic screen prototypes, creating/enforcing development UI guidelines, working with business analysts to define work-flows/layouts, creating common JavaScript libraries, and developing application (browser/server) UI code.

Previously developed a JAVA Swing based n-tier application used by 11,000 employees. Tasks include upgrading writing client application code to use a new version of the JAVA JRE, updating the UI, researching application production problems, directing application deployments, and wring/running unit/integration tests.

DWM Inc, Latham, New York

Enterprise Application Developer May 2004 - May 2005

Member of a 2-person team that completely redesigned an existing MS Access application into an enterprise wide VB.NET, ASP.NET, and SQL Server based system used by multiple departments, outside vendors, and customers. Included working directly with end users/management, coming up with requirements, creating screen mockups, writing code, database design, and setting up the infrastructure.

EDUCATION:

Rensselaer Polytechnic Institute, Troy, New York

Master of Science, Information Technology, May 2005

Concentration: Human-Computer Interaction (Usability)

Bachelor of Science, Computer Science, May 2004

Minor: Information Technology

CERTIFICATION:

- Human-Computer Interaction, Rensselaer Polytechnic Institute
- Designing Accessible Websites (508), U.S. General Services Administration

LEADERSHIP / ACTIVITIES:

Risk Manager for Tau Epsilon Phi Fraternity (2003-2004), Skiing, Backpacking, Habitat for Humanity, Mac User Group, Web Design, and Photography

Usability

Customer-centric
Design
Rapid Prototyping
Paper Prototyping
Proof-of-concept
Testing
Heuristics
UML
Competitive Analysis
W3C Standards
Internationalization

Software

Dreamweaver
Photoshop
Illustrator
SQL Server/MySQL
Rational Suite/RAD
Eclipse
WebSphere/IIS
Tomcat/Apache
Webpage Test
Selenium

Languages

HTML5/ CSS3
JavaScript / DOJO /
ExtJS
JAVA Swing
JSP / JSTL
Spring Core / MVC
Tiles
SQL
XML
VB.NET / ASP.NET
SFTP/FTP

Methodologies

AJAX
REST
Agile
RUP

Platforms

PC
Mac
UNIX
IBM Mainframe (Z/OS)

