

Akshat Sharma

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Software engineer with 6 years of experience developing cutting edge enterprise software using Java, JSP, Javascript, HTML5 and related technologies.

Programming Languages:

Proficient in Java/JEE, JavaScript, HTML5, CSS, SQL.

Familiar with PERL, C++, PHP & Microsoft Visual Basic for Applications.

Software

- **Database:** MS SQL Server, MySQL
- **Frameworks & Libraries:** JSF, JSP, Spring, Struts, Hibernate, YUI, RaphaelJS.
- **Tools:** Maven, Hudson, Subversion, Eclipse, Visual Paradigm.
- **Application Servers:** Weblogic, Tomcat, Jetty.

Experience

Application Architect

2011 - Present

Agile 3 Solutions, San Francisco (USA)

- Designed the application framework for HTML5 and Phonegap based iPad application.
- Developed custom JavaScript components using YUI and Raphael to provide striking visualisations.
- Wrote event handling api to provide simpler events.
- Wrote custom light-weight physics engine.
- Developed Javascript based graph data structure, xml representation and parser.
- Completely developed stock trading application from drawing board to customer delivery.

Software Engineer

2009 - 2011

SCA Technologies LLC, Pittsburgh (USA)

- Developed complete user interface for the flagship application “SCAPlanner” using Java Server Faces & inputs provided by third-party usability consultant.
- Improved project rating by 63% within 8 months of being assigned software support responsibilities by providing hot-fixes and updates.
- Developed custom plugins using PERL for internal wiki application.
- Developed webservices and FTP based data acquisition module. Used the said module with SAP to get SCAPlanner SAP certified.

Software Engineer

2006 - 2009

SCA Technologies India, Gurgaon (India)

- Provided critical application integration with SQL Server Reporting Services by developing independent report manager module.
- Developed custom BI reporting framework using JSF, XML and Spring.
- Pioneered extensive use of client-size JavaScript in order to provide a rich user experience.
- Developed various JavaScript frameworks and ready to use components for UI widgets and automated input validation.
- Worked as a team member to develop data upload system using Kettle ETL, MS Excel and Java server faces.
- Developed Cron implementation for Java web applications to run batch processes within the web app.

Werkstudent

2004, 2005

Siemens AG, Munich (Germany)

- Provided VBA plug-ins for in-house CMMI assessment tools.
- Independently handled requirement gathering and client interaction.

Academic & Independent Projects

Y4Faces JSF Tag Library

2010 - 2011

- Developed open-sourced custom tag library for Java Server Faces to integrate Yahoo user interface library components with JSF [<http://y4faces.sourceforge.net>].

MSIM Simulation Tool

2010, Carnegie Mellon University

- Prepared the software requirements specification, conceptual model and object model of MSIM simulation tool. MSIM is intended to be an academic replacement for Oracle crystal ball software.

Stereoscopic Wireframe Renderer

2006, Maharishi Dayanand University

- Designed and developed a 3D wireframe renderer as part of final year undergraduate project submission. The software displayed stereoscopic views of solid geometry primitives using red & blue filters.

Activities

- Founded the college computer graphics club, which handled college web-sites and various print, audio and visual publications.
- Headed the college theater club, winning a number of inter-college drama competitions.