

RAHUL SHARMA

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SUMMARY

- Full time experience in development and maintenance of MVC based Web applications.
- Consistent contribution in GitHub. ([here](#))
- Member of the first place winning team at [2013 Nebraska Software Builders Challenge](#)

TECHNICAL PROFILE

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| ▪ LANGUAGES: | Java, C, Ruby, JSP, SQL, PL/SQL, OpenGL, Python |
| ▪ FRONTEND: | HTML, HTML5, JavaScript, jQuery, CSS, Ajax, JSON, XML |
| ▪ FRAMEWORKS: | Rails, Struts, Bootstrap |
| ▪ TESTING: | jUnit, Mockito, PowerMockito |
| ▪ CONTENT MANAGEMENT: | SVN, Git |
| ▪ WEB-SERVICES: | Rest |
| ▪ CONCEPTS: | Agile, Test Driven Development, Continuous Integration |
| ▪ OTHERS: | Jenkins, Maven, Jira, UML, Crucible,EJB |

PROFESSIONAL EXPERIENCE

CERNER CORPORATION, Kansas City, Kansas United States

Software Engineer, Aug 2013 – present

- Build standalone and web based internal tools for Cerner.
- Perform code analysis to identify bugs/errors or enhancements requests involving Cerner applications.
- Interact with clients/end users to understand and formulate requirements.

EDUCATION MEDIA, UNIVERSITY OF NEBRASKA LINCOLN, Lincoln, Nebraska United States

Software Developer, Jun 2011 – Mar 2013

- Design and Develop Java/PHP web application for various departments within the University.
- Provide enhancements to existing application when client requests.
- Provide code fix, database changes, environment change etc. whenever required.

CENTER FOR DIGITAL RESEARCH IN HUMANITIES, UNIVERSITY OF NEBRASKA LINCOLN, Lincoln, Nebraska United States

Programmer, Aug 2010 – May 2011

- Develop and maintain PHP based sites implementing open source frameworks like Code Igniter and Tank Authentication and technologies like Apache Cocoon for xml to html conversion.

ACCENTURE INDIA, Bangalore, Karnataka India

Software Engineer, May 2008 – Jun 2010

- Develop, maintain and support Java/J2EE Enterprise application for a UK based client.
- Provide planning, estimation, design and development for new functionality, enhancements and upgrade that client requests.
- Monitor daily batches that process xml files and generate a report based on them, to be sent to the UK team.
- Mentor new and junior engineers on functional and technical aspects.

PROJECTS

iBUS Load Tester

A standalone Java based multithreaded application to generate load on a JMS Producer/Consumer server known as iBus. Java Executor Service interface used to generate thread pool for providing parallel connection on the server for load replication. Extensive testing done using JUnit, Mockito and PowerMockito. Other tools and technologies used were Git, Maven, Jira, Jenkins, and Crucible.

Contribution:

- Created user stories and sub-tasks associated to these stories and documented them in Jira.
- Designed and coded the thread pool generating package.
- Wrote unit test cases using JUnit, Mockito and PowerMockito for the thread pool package classes.

3D Stereoscopic Application

A 3D stereoscopic application which converts 2D gas chromatographic data in matrix form to 3D stereoscopic visualization. The project is coded completely in Java using JOGL libraries (Java wrapper over OpenGL) and the output is viewed using NVidia 3D vision setup. This 3D module was integrated into the existing gas and liquid chromatography software solution of GC Image, a software company based in Lincoln, NE.

Contribution:

- Designed coded and tested the classes responsible for rendering 3D visualization.
- Installed and configured the NVidia 3D vision hardware setup.
- Analyzed the exiting code set to identify classes which required changes and performed an impact analysis.

Eudra GMP batch

A Java based inbound batch which processed XML files received from a remote server. Processing involved validating schema, reading data in java beans, validating for business logic in java, updating oracle database, annexing a copy of the XML file to EMC Documentum document indexing software and deleting the original file. Tools and technology used involved EJB, JUnit, Castor API for parsing XML data, third party API like EMC Documentum API, PL/SQL procedures and OC4J application server.

Contribution:

- Designed and wrote high level and detailed technical design document for the batch module.
- Coded batch classes and performed JUnit tests for these classes.
- Provided bug fixes of bugs raised by testing team during assembly and product testing phases.
- Coordinated and provided assistance to a senior member of the team during deployment phase.

Sentinel Web Application Enhancement

A major enhancement of a Java/J2EE Enterprise application named Sentinel which involved front end changes in HTML, JavaScript and JSP, backend database schema and table changes and middleware business logic changes involving Java.

Contribution:

- Worked on 4 major enhancement tickets which involved a mix of front end, backend and middleware implementation.
- Mentored two junior engineers who were a part of the team.

EDUCATION

University of Nebraska Lincoln, Lincoln, Nebraska United States

MS in Computer Science, May 2013-GPA: 3.57

Bangalore University, Bangalore, Karnataka India

BE in Electronics and Communication, Dec 2007-GPA: 62%