**Hitender Tholia**

**SUMMARY**

* 10+ years’ experience in Analysis, Design and Development of Java Enterprise Application
* Frameworks: Spring 3.x, mockito, Struts, Tiles, Hibernate, PhoneGap
* Web Server: Apache Tomcat, JBoss
* Messaging Server: ActiveMQ
* Technologies: Servlet, JSP, Ajax, JAXB, JAX-RS, JSTL, Quartz, XML, XSLT, JFreeChart, Highcharts, Apache FOP, JSON, jQuery, jQuery UI, FreeMarker, JMS, Servlet, JSP, Ajax, JAXB, JAX-RS, JSTL
* Tools JMeter, JavaMelody
* Databases: PostgreSQL, MySQL, and MongoDB
* Build and Testing: ANT, JUnit
* Version Control: Perforce, Git
* Build Automation: Cruise Control, Jenkins
* Issue Tracking: Redmine, Jira
* Third Party API Google Map API

**Security Device Plugins**

Developed plugins to parse configuration for modeling third party networking devices like Cisco, Fortinet, Juniper, ScreenOS, Sidewinder and Arista

**Reports**

In house reporting engines using XML, XSL-FO, XSLT, JSON, Apache FOP, FreeMarker, Java to generate HTML and or PDF reports using various dynamically generated charts with Highcharts, JFreeChart.

**PROFESSIONAL EXPERIENCE**

**FormidableLab.com Consultant July 2013 – Current (Sunnyvale)**

* Query RESTful API's to get appropriate mime type for mobile app including Ajax query and HTML content
* Implemented authentication of user through REST
* Improved look and feel, response and content for the app produced using PhoneGap
* Added support for capturing image through mobile and uploading to backend server

**Adara Media, Inc Senior Software Engineer May 2013 – July 2013 (Mountain View)**

* Help setup QA staging area for test-driven development and continuous integration environment
* Improve existing infrastructure to automate build using Jenkins
* Include Code Coverage in the build environment to help plan test coverage
* Write Integration test plan for positive and negative test cases

**Tholix, Inc Team Lead Dec 2012 – May 2013 (Sunnyvale)**

* Designed, Developed backend engine to support Mobile and Web based users
* Developed Web Application on Tomcat using Spring Framework, JMS, Ajax, jQuery and jQuery UI and third party jQuery API's, JSON, RESTful, HighChart, FreeMarker and MongoDB with Replica Set for high data redundancy and availability.
* Ajax response to update charts based on user interaction including drill downs in charts
* Generating JSON response for authenticated JSON request from mobile app
* JUnit and mockito for testing
* MongoDB Aggregation framework

**Features**

* + Realtime Push notification to users
  + JMS for inter component communication
  + OCR API for data recognition

**RedSeal Networks Senior Software Engineer April 2007 – Nov 2012 (Santa Clara)**

* Designed and developed plugins to consume configuration from third party networking devices like Cisco Pix, ASA, Fortinet, Arista, ScreenOS, Sidewinder using ANTLR for parsing these configurations
* Provided in house solution to improve plugin fault tolerance and data correction that helped improve product accuracy
* Developed reporting module and various Host, PCI, Best Practice Check, Summary, Risk and Host change report using Apache FOP, XML, XSLT, JFreeChart using Spring and Hibernate
* Added functionalities like automation and scheduling using Quartz Scheduler
* Mentored team members on various part of the product including plugin development

**Technologies**

* + Spring, Hibernate, PostgreSQL, Ycharts, JFreeChart, Centos, XML, XSLT, Java Mail, JUnit, Perforce, Seahorse, Quartz, ANTLR, RestFul

**Xdx, Inc Senior Software Engineer Sept 2006 – April 2007 (Brisbane)**

* Designed, implemented and maintained high-quality web-based software supporting all corporate functions, in particular the XDx reference laboratory, R&D, Clinical Department and Informatics
* Support the full lifecycle of the production laboratory management software (LIMS)
* Developed software in a heavily regulated environment (FDA, HIPPAA, CLIA)

**Cisco Systems, Inc. Consultant Sept 2005 – Aug 2006 (San Jose)**

* Feasibility Study and Requirement Gathering for tracking test cases run on the product.
* Design documentation, Technical specification and System Analysis.
* Designed and Developed Architecture Framework
* Unit and System Testing/Integration of Framework
* Application had features like test anomalies, test runs, duration of test, test failures
* Documentation (User and Technical)
* Mentored team members

**Publicis Groupe Consultant June 2005 – Aug 2005 (San Francisco)**

* Overall project’s technical contact
* Project automation like:- automated updates sent to Omniture (<http://www.omniture.com/>) for tracking effectiveness of Media
* Implemented application to get data back and forth from Excel
* Extensive Excel API implementation
* Hibernate, Spring, JSF and Oracle ADF setup and implemented

**Information Methodologies, Inc. Software Engineer Dec 2003 – June 2005**

**Project at Stanford University.**

* Explored design patterns, development environments, best tools and other technologies for rapid development
* Explored various technologies like Hibernate/JDO for the persistent data access layer or SQL dialects for the project
* Project Architecture
* Responsible for over seeing and avoiding pitfalls
* Developed utility tools
* Managed team of two people offsite in Ukraine
* Debugging, System Integration, User and Technical Documentation, Testing, Application Deployment, Providing Solutions, Feasibility Study and User Presentation

**EDUCATION**

**SanJose State University** Master’s in Applied Economics

**Golden Gate University** Master’s in Software Engineering

**Mumbai (Bombay) University** Bachelor’s in Mechanical Engineering