

## DALJEET SINGH

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## KEY SKILLS / EXECUTIVE SUMMARY

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10 years experience in Design and Development of Application using Open Source Software Stack using :

- Java, Spring, Hibernate
- Android /J2ME
- Nodejs, JavaScript, MongoDB
- Deployments on Red Hat Enterprise Linux

## WORK EXPERIENCE

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Current	<b>Technical Lead, HCL Technologies</b>
JUL2014	<b>Pride Global</b> Code Review of 9 people team, Nodejs REST API development MongoDb, ExpressJS
	<b>HCL Practice</b> Research Filed 2 US patents.
MAY2013-JUL2014	<b>Founder member, Bqurious Software LLC</b> Product Development Startup focusing on test automation for Android platform, innovated solutions for converting manual test to automated tests.
DEC2011-MAY2013	<b>System Analyst, Skillnet Inc</b> Oracle Store Inventory Management customization and Integration for Vodafone Romania, onsite deployment for UAT.
JAN2011-NOV2011	<b>Sr Software Engineer, Infogain India Private Limited</b> Oracle SIM customization and implementation Fedex POS kiosk, <i>Swing</i> based application Deve
Aug2010-Dec2010	<b>Software Engineer, BEBO Technologies</b> Worked On <i>GWT, Spring, Hibernate</i> based Enterprise application
JUL2006-Aug2010	<b>Freelance Developer, Odesk</b> Developed <i>Java Swing</i> and <i>J2ME</i> games

## EDUCATION

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- May, 2006    **Bachelors of Technology**  
Computer Science and Engineering  
Punjab Technical University, Jalandhar  
65%
- April, 2000    **Higher Secondary Examination,**  
Central Board Of Secondary Education  
62%
- April, 1998    **Secondary school Examination**  
Central Board of Secondary Education  
76%

## PROJECTS

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### PrideGlobal

#### 5.1.1 Human Resource Management System, with below Features :

- Requisition Management
- Candidate Management
- Supplier Management
- Client Management

#### 5.1.2 Responsibilities

- Code review and quality enhancement with following considerations
  - Maintainability and preciseness of code
  - Scalability
- Training the team on TDD and Functional Programming
- Setting up test case framework
- Evaluation and classification of Bugs/Enhancements
- Coding the core areas, and performance enhancement
- Managing git workflow.

#### 5.1.3 Environment

- MEAN stack (mongoDB, expressJS, Angular and Nodejs ).
- REST API development
- With mongo DB backend
- logging using jackson
- jwt security

- Test Driven Development using Mocha.

## Pangea Analytics Platform

### 5.2.1 Responsibilities

- REST APIs in Java/Spring boot
- Deployment Diagrams using PlantUML
- Managing a Hadoop Cluster.
- Scala and Spark

### Product development :

developed a web driver for native application for the android platform. Also developed a recorder for recording all user interactions with a chosen application. All user interactions are mapped to predefined keywords. These keywords are converted to executable code at run-time using the data driven approach for user interface testing. Developed cross platform installation utilities for signing and installing apps for testing purposes (for mac and windows)

### Onsite UAT

at client site at Vodafone Romania Was deputed on-site for 2 months at Vodafone Romania for User Acceptance Testing for the Integration and customization of SIM with Oracle Inventory.

#### 5.4.1 Responsibilities:

As a System Analyst responsibilities included supporting migration of Data, Reconciliation of records, Debugging and resolving bugs related to Integration of SIM with Oracle Inventory.

#### 5.4.2 Environment:

Technologies: Servlets, EJB, XML, SIM 13.2.1, Weblogic, Spring batch framework, quartz scheduler, Oracle ActiveMQ

### Fedex FPOS

It is a swing based KIOSK application with skinnable and resolution independent look and feel. The major work revolves around designing of screens using rich GUI features for kiosk.

#### 5.5.1 Responsibilities:

As a Sr. Software Engg. responsibilities include the analysis of requirements, coding, design document, designing of validation framework, designing of UI framework, R&D, Team mentoring and training.

### **5.5.2 Environment:**

Technologies: Java, Swing , synth Look and Feel, MIG layout.

### **GWT Widgets**

This work involved Building of widgets in GWT for an Enterprise Corporate Legal Software. The widgets built had to be integrated with the provided web services and also integrated with already developed JSP pages.

### **5.6.1 Responsibilities:**

As a Software Engineer responsibilities include the analysis of requirements, design and architecture, coding, documentation, client interaction, designing of UI framework, R&D.

### **5.6.2 Environment:**

Technologies: Java, GWT(Google Web toolkit), jsp, servlets, spring, hibernate