

VAISHALI SHAH

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SUMMARY:

Full stack developer with more than 3 years of professional experience of building Web Applications in Java Spring Boot, Ruby on Rails and front end technologies (ReactJS with Redux & AngularJS) in Agile Scrum environment.

EDUCATION:

- Master in Science in Computer Science, University of Texas at Dallas, Richardson, Texas **May 2015**
- Bachelors in Science in Computer Science, Biju Patnaik University of Technology, India **July 2011**

SKILL SETS:

Languages	Java, C/C++, Ruby, SQL
Back-end Technologies	Spring Boot, Node.js, Rails, Hibernate, Servlets/JSP, J2EE, Junit
Front-end Technologies	ReactJS with Redux, AngularJS, AJAX, HTML5, CSS3
Application Web Server	Apache Tomcat, Rails, Node.js, WebLogic
Cloud Serviced & Databases	AWS S3, IBM Bluemix, Oracle, MySQL, Maria DB, H2
Tools	Solr, Sumo Logic, Git, SVN, Jenkins, Putty, JIRA, Atom, STS/Eclipse

WORK EXPERIENCE:

Software Developer, Copart Inc.

June 2015 – Current

Contracts – Web application to create and maintain contracts for sellers

- Involved in conceiving the idea of developing an application like this, eventual design and implementation.
- Coordinated with business, developed initial use cases and mock design for the application.
- Used DROOLS (KIE module) as rule engine, ACTIVITI to handle workflow. React + Redux as UI having Node.js as server.
- Implemented RESTful Spring Boot Micro web services for business logic and consumed it.

Cobalt – Web application to maintain salvage vehicle life cycle.

- Implemented IDS (Image Document Services) micro service integration end to end alone. Integrated Ruby on rails application with web services. Used AngularJS in front end.
- Lead the team of 3 for redesigning database for the notes module of the application and implemented the same using RoR, AngularJS. This resulted in increased user activity by 20%.
- Worked on POC (proof of concept) for new design of cobalt application on ReactJS. Used RoR as backend.
- Fixed bugs and enhanced performance of the application (removed n+1 problems). User ticket went down by 5%.

P2P (Procure to Pay) – Web application for the Copart employees to claim expenses

- Built a UI for creating purchase requisition, expenses, purchase order, good receipt using SAP services in ReactJS, Redux, Node.js.
- Acted as sole project executor, completed all tasks and managed project from start to finish.

Project Instructor, University of Texas at Dallas

August 2014 – May 2015

- Supervised UG students and assisting them in academic projects, presented sessions on JAVA, C++.

System Engineer, Infosys Limited

September 2011 – December 2013

FOS (Field optimization suite) – Application used by BT to provide seamless connection to providers.

- Added functionalities using Struts 1.4 MVC framework, extensively used JSP, JQuery-Ajax for front end development.
- Proactively fixed bugs and was responsible for bridge case management.
- Awarded with **BRAVO** for exceptional performance in the team.

SQE (Sales Quote Engine) – Application for realizing approximate quote for bulk and significant orders.

- Developed complete automation package using Selenium tool and web driver.
- Jenkins for deployment and run scheduled test cases.

ACADEMIC THESIS & PROJECTS:

- Real time twitter sentiment analysis:** Used Apache RabbitMQ and Elastic search to reliably queue and store real-time twitter messages obtained through Twitter4J streaming API, applied sentiment analysis on the streaming data using Apache Storm with Weka tools. Constructed a classification with Naïve Bayes method in Mahout to classify tweets.
- Multi-dimensional search engine:** Used different data structure and merged them to enhance the searching which can be used in different search engines. (Used Hash tables, AVL tree, Red black tree to solve the problem of finding ranges. Which requires sorting and searching of a value and indexing at the same time.