ABHISHEK HARISH RATTIHALLI

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SUMMARY

- Experience in development of web based applications using J**ava, J2EE, JSP, Servlets, Spring, Hibernate, JDBC, NodeJS, Express** and **Web Services**

- Knowledge in working with different MVC frameworks like **Spring** and ORM framework like **Hibernate**.

- Knowledge in the development of spring modules like **Spring MVC, Spring Web and Spring ORM.**

- Expertise in working with Front end technologies like **AngularJS 1.x, Angular 2.x Bootstrap, HTML5, AJAX, CSS3, JavaScript, jQuery.**

- Developed web service applications using **Spring MVC** and **Node.js** with **Express**.

- Good knowledge in implementing distinctive design patterns such as **Singleton, Front Controller, DAO, MVC, Factory**.

- Familiar with design and development of database systems using **RDBMS** (Relational Database Management Systems) including **Oracle, MySQL, IBM DB2** and in programming with **SQL** besides writing **DDL**, **DML** and **Transaction** queries.

- Experience on working with version control tools like **GitHub and SVN**.

- Fluent in developing applications using IDE's such as **IBM RAD, Eclipse, and IntelliJ IDEA.**

- Good understanding and knowledge of working on **WebSphere Application Server and apache tomcat web server.**

- Good understanding in working with continuous integration and build automation tools like **Maven** and **NPM.**

- Experience in **Agile, XP and Waterfall** software development models.

- Strong technical background, excellent analytical ability, effective communication skills, team player, goal oriented and ability to quickly learn and adapt to modern technologies as and when required.

SKILLS

Web Technologies – SpringMVC, RestFul Services, Hibernate, JavaScript, jQuery, Angular, NodeJS, ReactJS, HTML5, CSS3, JSP, Servlets, REST, Bootstrap

Languages – Java/J2EE, Python

Tools – Eclipse, IBM RAD, IBM DB2, IndelliJ IDEA

Databases - Oracle, IBM DB2, MySQL

Methodologies – Agile/Scrum, XP, Waterfall

EXPERIENCE

Full Stack Developer – International Thermodyne (Charlotte, NC, USA)   Oct 2017 – Dec 2017

- Analyze the application written in SQL for pit falls and improve efficiency

- Use front end technologies (JavaScript, Angular, HTML, CSS) to build front end of the application

- Rewrite the architecture for implementation in SpringMVC.

- Implement the application using SpringMVC and JDBC

- Maintain code versioning using GitHub.

- Perform data analysis to improve user detection and presence declaration

- Technologies: Angular, AJAX, JavaScript, HTML, CSS, JAVA, J2EE, SpringMVC, JDBC, MySQL.

Java Full Stack Developer – **Tata Consultancy Services (Bengaluru, Karnataka, India)**   Jan 2014 – July 2016

Technology Enabled Business Transformation (TEBT) project – Banking & Financial Services

- Designed a configurable solution to reduce the timeline from 3 weeks to 5 minutes using jQuery and JavaScript Objects.

- Responsible for requirement collection, analysis, design, implementation, unit testing and maintenance of the products.

- Developed various insurance products using JavaScript and jQuery.

- Used Spring Web Flow for back end of the application to deal with all the transactional data.

- Developed a standalone application using AngularJS for Unit Testing.

- Configured Master Data for accessing constant data as a file download to access from front end.

- Used Oracle as the Database and wrote SQL queries to interact with the database.

- Designed a NodeJS webservice with WKHTML for PDF generation.

- Received the award "Young Turk" for being reliable and going the extra mile.

- Lead a team of 6 associates to successfully deliver multiple products.

- Received the prestigious award "ILP – Kudos" for outstanding performance during the Initial Learning Program (ILP).

- Technologies: AngularJS, NodeJS, AJAX, JavaScript, HTML/CSS, JAVA/J2EE, JSP, Spring, Oracle, WKHTML.

EDUCATION

University of North Carolina at Charlotte   Aug 2016 – Dec 2017

Master of Science - Computer Science   GPA: 3.7

Subjects: Algorithms & Data Structures, Software System Development & Implementation, Intelligent Systems, Recommender Systems, AI for Game Design, Survey of Programming Languages, Virtual Reality, Computer Graphics

Visvesvaraya Technological University, Belgaum, India   Aug 2009 – July 2013

Bachelor of Engineering - Computer Science   GPA: 4.0

CERTIFICATIONS

- IBM Certified Associate Developer - Rational Application Developer for WebSphere Software V6.0

- IBM Certified Academic Associate - DB2 9 Fundamentals and Application Fundamentals

- Lynda.com - Learn React.js: The Basics (2015).

ACADEMIC PROJECTS

- Recommendation system for Book Crossing Dataset using different recommendation algorithms implemented in Python.

- Deduction of subjective remarks to statistical equivalence by sentiment analysis – Learning algorithms built on Python.

- Visualization of Robot Navigation using Real-time A* algorithm built using JavaScript.

- Duke MyChart: Simplified Radiology Reports – NLP based application built on Python (Hack Duke 2016).

- Defect Tracker – Web based tool to track bug fixes during software development built using AngularJS, Java/J2EE, JSP, Servlets, HTML/CSS, MySQL, GitHub

- Online Retail System - Web based portal for a retail store to manage online sales and inventory management built using AJAX, jQuery, JavaScript, HTML/CSS, Java/J2EE, JSP, Servlets, Hibernate, Oracle, BugZilla, Tortoise SVN

- Highly Confidential Security System - Web based tool for storing personal files on cloud using a security algorithm built using AJAX, jQuery, JavaScript, HTML/CSS, Java/J2EE, JSP, Servlets, IBM DB2.

- Paperless Hospital Service - Web based tool for managing activities in a hospital built using AJAX, jQuery, JavaScript, HTML/CSS, Java/J2EE, JSP, Servlets, IBM DB2.

- Augmented Reality for Children's Museum – AR Research to improve learning experience for children in a museum in association with College of Architecture, UNCC and VisCenter, UNCC.