**Bhavesh Mahendra Sanghvi**



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**SUMMARY**

More than three years of experience in developing full stack web applications using various **JAVA** technologies like **JSP- Servlet**, **Spring**. I have a good knowledge of **Core Java, Collections framework and Multithreading** and **Oracle Certified Professional, in Java Programming**. I have extensively used frontend technology like **AngularJS** and **JavaScript**. High self-motivation and curiosity drives me to ensure delivery of production grade solutions. Have been part of three projects which are currently in production.

**EDUCATION**

**Master’s in Computer Science, Washington State University, Pullman Expected May 2019**

**Bachelor’s in Computer Engineering, Mumbai Universit*y* July 2015**

Coursework: Java Programming, Software Engineering, Advanced Algorithms, Web Development, Software Architecture.

**TECHNICAL SKILLS**

* Programming Languages: **Java**, Python, PHP, C++ (basics)
* Framework: JSP-servlet, REST (JAX-RS, Jersey), Spring, Hibernate, Collections Framework, AngularJS
* Applications servers: Apache Tomcat, Oracle 10g, Oracle 12c.
* Database: Oracle database, IBM DB2, MySQL.
* Front-end technology: HTML5, CSS3, JavaScript.
* Development tools: GIT, Maven, IDE’s (IntelliJ, Eclipse), JIRA, Swagger, Junit (Mockito framework)

**EXPERIENCE**

**SOFTWARE DEVELOPER WSU Information Technology Services, Pullman, WA. Sep 2017 – Current**

* Developed “SUPERVISOR MANAGEMENT” application using technologies like MuleSoft, **Java**, Datatables framework. Implemented complex requirements like JWT token management, Restful webservices.
* Developed “FILE HANDLER” application from scratch using technologies like MuleSoft, **Java**. Used technologies like SFTP, FileZilla.

**SOFTWARE ENGINEER L&T Infotech, Pune, India Jul 2015 – Aug 2017**

* Developed complex requirements like MTA (Mobile Token Authentication), Feeding and Retrieving data from Tridion Content Management System, **RESTful web services** using **Java** and Jersey framework, front-end Integration of Web services using **AngularJS** and JavaScript.
* My role was to handle development as well as deployment of the product. Used **Maven** and **GIT** as development tools and maintained dev and test environments using **Oracle Weblogic**.
* Worked in agile environment, have good knowledge of **SCRUM**, **JIRA**, **Confluence**.

**PROJECTS**

* **Credit Card Fraud Detection**: Performed Data Exploration, Exploratory Data analysis, Data transformation, Data visualization and applied Machine learning and Deep learning algorithms to create models to detect fraud in credit card transactions.
* **Amazon Co-purchasing Pattern Analysis:** Analyzed Amazon co-purchased dataset, converted it to a directed graph G(V , E), where nodes are items or products in an online marketplace and directed edges denote the co-purchase relation, we analyzed the co-purchase patterns and built a recommendation system.
* **Online Banking Application:** Implemented in **Java**, **JSP-Servlet**, made extensive use of design patterns like **Singleton** pattern, DAO pattern. Implemented requirements like Fund Transfer, Transaction summary and Session management.
* **Suffix Tree Construction:** Implemented in **Java** as a part of course project. Both Naïve and suffix link approaches are developed and tested on real world genome data.
* **Genome Sequence Allignment:** Implemented Needleman-Wunsch and Smith-Waterman algorithms for global and local alignment of genome sequences in **Java**. These algorithms are implemented using **Dynamic programming**. Tested on real world human genome sequence.
* **VNotification**: Implemented back-end of an android app to send notifications to students by professors or college officials with multi-level authorization and access control, back-end was developed in **PHP-MySQL**.