

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 I am an 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 3 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 University

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

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:** Given 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 analyze the co-purchase patterns and build a recommendation system that would help maximizing the revenue
- **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 approach have 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**.