

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 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, 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**, Databases 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**.