

Bhavesh Mahendra Sanghvi

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SUMMARY

Software Engineer for 4 years, developed enterprise applications using various technologies. **Oracle Certified Professional, in Java Programming (OCPJP)**. **Core Java, Collections framework, Multithreading** and **Problem solving** are my strengths. Extensively used frontend technologies like **AngularJS** and **JavaScript**. I also have knowledge of machine learning and data science. High motivation and curiosity drive me to ensure delivery of production grade solutions. Have been part of 3 enterprise applications which are currently in production.

EDUCATION

Master's in Computer Science, Washington State University, Pullman

Expected May 2019

Relevant Coursework: Advanced Algorithms, Bigdata, Computational Genomics, Machine Learning, Data Science.

Bachelor's in Computer Engineering, University of Mumbai

July 2015

Coursework: Java Programming, Data structures, Algorithms, Databases, Web Development, Software Design and Architecture.

TECHNICAL SKILLS

- Programming Languages: **Java8**, Python, PHP, C++ (basics)
- Frameworks: **Kafka**, REST, **Spring**, Hibernate, JDBC, J2EE
- Web and Application servers: Apache Tomcat, Oracle WebLogic, IBM WebSphere.
- Database: Oracle database, IBM DB2, MySQL, PostgreSQL.
- Front-end technology: HTML5, CSS3, JavaScript, **ReactJS**, **AngularJS**.
- Tools: GIT, Maven, IDE's (IntelliJ, Eclipse), JIRA, Swagger, Junit (Mockito framework), SONAR, Jenkins

EXPERIENCE

Software Developer | Enterprise Systems, Pullman, WA.

Sep 2017 – Current

- Developed "SUPERVISOR MANAGEMENT" application using technologies like MuleSoft, **Java**, Data tables framework. Implemented complex requirements like JWT token management, Restful webservices.
- Developed "FILE HANDLER" application using technologies like MuleSoft, **Java**. Used technologies like SFTP, FileZilla.
- Developed small mobile applications related to campus requirements using AEK, **ReactJS**.
- Developed Several flows for data manipulation from one technology to another using **Groovy**, **XSLT**.

Software Engineer | L&T Infotech, India

Jul 2015 – Aug 2017

- Worked as a full stack developer for clientele Nordea Life Assurance. Extensively took part in requirement gathering to making them a reality with active involvement in all domains of developments from the beginning.
- Developed complex requirements like 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. Handled every requirement that came my way and ensured successful delivery before time.
- My role was to handle development as well as the deployment of the product. Used GIT, Maven, and Jenkins as tools and maintained dev and test environments using Oracle WebLogic. Worked in an agile environment among a team of 10, have good knowledge of Scrum, Jira, Confluence.

PROJECTS

- **Book Recommendation System:** Implemented a book recommendation system based on co-purchasing pattern analysis using associations obtained from FP growth algorithm. Used python, Keras, **Springboot**.
- **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) and built a recommendation system using the co-purchase patterns.
- **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.
- **Genome Sequence Alignment:** 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.