

Bhavesh Mahendra Sanghvi

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SUMMARY

Software Engineer for 4 years, designed and developed enterprise applications using various technologies. **Oracle Certified Professional, in Java Programming (OCPJP). Object Oriented Design in Java and Problem solving** are my strengths. Extensively used frontend technologies like **AngularJS** and **JavaScript**. I also have working 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, 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**
- Designed and Implemented Several flows for data manipulation from one format to another using **Groovy**, **XSLT**. This increased performance of the existing system by reducing human effort and making it very efficient for usage.
 - Designed and Implemented "SUPERVISOR MANAGEMENT" application using technologies like **Spring**, **Java**, Data tables framework, JWT token management, Restful webservice.
 - Designed and Developed Static Mobile applications related to campus requirements using AEK, **ReactJS**.

- Software Engineer | L&T Infotech, India** **Jul 2015 – Aug 2017**
- Worked as a **Full stack Software Engineer** for clientele **Nordea Life Assurance**. Extensively took part in gathering requirements to making them a reality with active involvement in all domains of developments from the beginning.
 - Implemented 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. Integrated **GIT**, **Maven**, and **Jenkins** as tools and maintained dev and test environments using **Oracle WebLogic**. Increased performance using **SONAR**, worked in an agile environment among a team of 10, and possess 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: (Python)** Performed Data Exploration, Exploratory Data analysis, Data transformation, Data visualization, 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:** Analyzed banking use cases like Account Creation, Fund Transfer, Transaction Summary and Session Management. Created and Implemented the use case in **Java**, **JSP-Servlet**, by making extensive use of Object-Oriented design patterns like **Singleton** pattern and **DAO** pattern.