# 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 Engineer | ASM America Inc.**                    **Jul 2019 – Current**
- Automated the manual process of software tool configuration generation by creating python scripts.
- Created a web application to access and perform dynamic changes to tool configuration through web services.

**Software Developer | Enterprise Systems, Pullman, WA.**                    **Sep 2017 – May 2019**
- 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 web services.
- 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, and 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.
- **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