**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, Universit*y* ofMumbai 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 webservices.
* 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.