Bhavesh Mahendra Sanghvi

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SUMMARY

- Thorough understanding of Software Engineering Principles through coursework and projects.
- Strong problem-solving capability and ability to solve real world problems
- Curiosity to learn and understand more about intersection of business and technology
- Programming Languages: **Java**, Python, C++, R Basics

EDUCATION

Master's in Computer Science, Washington State University, Pullman, WA, GPA: 3.5   **Expected May 2019**

Relevant Coursework: Advanced Algorithms, Machine Learning, Data Science, Big Data, Computer Security

Bachelor's in Computer Engineering, Mumbai University, Grade: First Class   **July 2015**

CERTIFICATIONS and TECHNICAL SKILLS

- Oracle Certified Professional, in Java Programming
- Machine learning by Andrew Ng, Coursera
- Deep Learning Specialization, Coursera
- International Knowledge Measurement in Core Java
- **JAVA 6**, Python, R, **J2EE**, JSP-Servlets, SQL, Design patterns, Struts, Spring, Hibernate, RESTful Web services, Jersey Framework, PHP, AngularJS, JavaScript, HTML5, CSS3, Maven, GIT, Oracle Database, IBM DB2 Database, Oracle WebLogic Server, Apache Tomcat Server

EXPERIENCE

Software Developer   **Enterprise Systems, Pullman, WA**   **Sep 2017 – Current**

- Developed "SUPERVISOR MANAGEMENT" application from scratch using technologies like MuleSoft, **Java**, Datatables 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, REST web services using **Java** and Jersey framework, front-end Integration of Web services using AngularJS and JavaScript.

PROJECTS

- **McCreight's Suffix Tree Construction Algorithm:** Implemented in **Java** as a part of course project. Both Naïve and suffix link approach have developed and tested on real world genome data.
- **Global-and-Local-Alignment-of-Genome-Sequence:** Implemented Needleman-Wunsch and Smith-Waterman algorithms for global and local alignment of genome sequences in **Java**. Tested on real world human genome sequence.
- **HiTech 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.
- **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.

ACTIVITIES

- Participated in a Dance Performance by Sikh Student Association.   Mar 2018
- Member of Association of Computer Machinery, Vidyalankar Institute of Technology   2013-2014