**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 Universit*y*, 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