Sanket Salunke

Arlington, TX, USA | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SKILLS

Programming Languages: Python, Java, C, PHP

Web Technologies & Frameworks: JavaScript, HTML5, CSS3, Bootstrap, Flask, ReactJS, Spring MVC, Node.js, Laravel
Database Systems: MySQL, MS SQL Server, Oracle Database, MongoDB, SQLite, SQL, AWS RDS
Cloud Services: AWS, Microsoft Azure, IBM Cloud, Heroku
Operating Systems & Software Testing: Linux, Microsoft Windows
Tools and other Technologies: gcc/gdb, Git, Bitbucket, Selenium, Jira, XML, Firebase, WordPress, BASH, Shell Scripting

CERTIFICATIONS

Oracle Java SE 7 Programmer I, Oracle Database 11g: SQL Fundamentals I

EXPERIENCE

Ghost Squawk (Company under Open Water Accelerator) – *Software Engineer Intern* – USA   Sep.2020-Dec.2020

- Built script to store all the economic indicator values like GDP, NFP and Retail Sales in the MySQL database by Python API requests which then further used to display data in graphical manner on web application using Python, R and React JS.
- Redesigned the website with Front-end & UX team to improve the overall performance by using AWS EC2.
- Collaborated with the team to develop, deploy and test dynamic and interactive Learning Management website that ensures high traffic, page views and user experience using ReactJS and Google Firebase.

AtoS Global IT Solutions – *Software Engineer* – Mumbai, India   Oct.2017-Jun.2019

- Worked on development and enhancement of JAVA applications to store client's required data and providing client the privilege to modify existing data using Agile Methodology.
- Engaged in problem solving along with monitoring performance tasks on new and existing Java applications by debugging, patch deployment at front- end and back-end processes including test planning, test case design and functional testing.
- Assisted the project manager in leading the team and helped to decrease the overall defects count by 20% and provided 25+ root cause analyses to resolve bugs and improve overall performance of the application.

AtoS Global IT Solutions – *Trainee Engineer* – Mumbai, India   Jul.2017-Oct. 2017

- As a SCRUM master, worked with an Agile team to build an e-commerce web application using Java Spring MVC, DAO design pattern and implemented the Front-end using HTML5, CSS3, Bootstrap and JavaScript.

EDUCATION

University of Texas at Arlington, TX, USA, (GPA- 3.63/4.0)   Aug.2019-Present
Master of Science in Computer Science
Coursework: Algorithms & Data Structures, Operating Systems, Advanced Topics in Data Bases: Cloud Computing, Web Data Management, Machine learning, Software Testing, Distributed Systems, Data Analysis & Modeling Techniques, Database Systems.

University of Mumbai, Mumbai, India, (GPA- 3.5/4.0)   Jun.2013-Jun.2017
Bachelor of Engineering in Electronics
Coursework: Object Oriented Programming, Structured Programming Approach, Computer Communication Networks.

PROJECTS

Web Application Development on Cloud Platforms (Python, Flask, JavaScript, HTML, CSS, AWS, Microsoft Azure)
- Developed and Hosted multiple web applications to perform various SQL queries on the USGS earthquake dataset.
- Performed caching using Redis on Azure for faster execution of queries which improved system performance by around 40%.
- Performed Load Balancing and Auto Scaling of web applications on AWS to improve system performance.

Portable File System of size 33 MB (C, gcc/gdb, Linux, Git) – [[GitHub](#)]
- Programmed user space portable File System which allows users to create file system of 33 MB drive space in a disk image.
- Implemented functionality in such a way that users can create the file system image, add files, remove, list the files currently in the file system, and files persist in the file system when the program exits.

Multithreaded File Sharer (Java, Socket Programming, Java Swing, Git) - [[GitHub](#)]
- Created client-server architecture to handle n-number of clients using multithreading and socket programming in Java.
- Embedded two-phase commit logic for distributed atomic transaction processing to coordinate commit or rollback the transaction.

Restaurant Chain Website (PHP, Laravel, MySQL, JavaScript, WordPress, HTML5, CSS3) - [[GitHub](#)] [[Live Demo](#)]
- Developed interactive and dynamic Burger ordering Web Applications using PHP/Laravel.
- Implemented role-based access with secure authentication, Order and Payment gateway etc.

Naive Bayes Classifier (Python) - [[GitHub](#)]
- Implemented Multivariate Naive Bayes Algorithm in python using pandas and NumPy library.