FAIYAZTHULLA SHAIK

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EDUCATION

Portland State University (GPA: 3.86/4)   **Portland, OR**
Master of Science (M.S.) in Computer Science   August 2023
Related Coursework: Design and Analysis of Algorithms, Databases, Machine Learning, Networking Protocols.

Prasad V Potluri Siddhartha Institute of Technology   **Vijayawada, India**
Bachelor of Technology in Computer Science and Engineering   March 2019
Related Coursework: Web Technologies, C, Operating Systems, Object-Oriented Programming

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++
Databases: MySQL, PostgreSQL, Oracle
Web Technologies: HTML, CSS, JavaScript, JSON, jQuery, Bootstrap, React.js
Operating Systems: Linux/Unix, Windows
Developer Tools: VS Code, Eclipse, Atlassian Jira, GitHub, GitLab, Jenkins
Technologies/Frameworks: Spring boot, JUnit, Mockito, Hibernate, AWS, GCP
Concepts: Data Structures, Algorithms, Agile, Scrum

ACADEMIC PROJECTS

Loan prediction for commercial bank | *Python, HTML, CSS, Anaconda Jupyter Notebook*
Designed a modeling system that predicts whether the loan can be granted to the customer using Random Forest Machine Learning prediction algorithm.

Internet Relay Chat | *Python, VS Code*
Created a single server architecture-based application utilizing Python code and deployed it on Amazon Web Services (AWS) by configuring an EC2 instance. Implemented multi-user functionality, enabling users to create and manage groups, as well as broadcast messages within them.

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant, Portland State University, OR   **September 2022 – June 2023**
- Assisted the course instructor in preparing and delivering lectures, assignments, and exams (CS 201).
- Conducted office hours to provide individualized support to students.
- Conducted tutorial sessions to assist undergraduate students in understanding course material.
- Assisted with any other tasks assigned by the course instructor or department.

Software Engineer, Tata Consultancy Services, Hyderabad, India   **May 2019 – Feb 2022**
- Developed, tested, and maintained Java applications using the Spring Boot framework.
- Designed and implemented RESTful APIs using Spring Boot's web framework.
- Created and managed databases using technologies like SQL, Hibernate, and Spring Data.
- Migrated and refactored the legacy java code to optimized spring boot applications.
- Written efficient and scalable code that meets performance and security standards.
- Developed unit tests using JUnit and Mockito, achieving a 90% code coverage by following the Test-Driven Development (TDD) approach.
- Collaborated closely with Software Architects and Senior Developers to design and implement high quality software solutions using Design.
- Utilized version control tools like Git and CI tools like Jenkins to manage code changes and deployments.
- Applied dynamic programming techniques to address intricate problems and find effective solutions.
- Participated in Agile development methodologies like Scrum or Kanban to manage project deliverables.

ACCOMPLISHMENTS

- Received 'Intercultural Leadership Award' for mentoring International Students at Portland State University.
- Achieved a commendable score in the global coding event 'CODE VITA' organized by Tata Consultancy Services (TCS).
- Recognized with the 'Best Team Award' for delivering thoroughly tested, bug-free code and making significant contributions to the project.