# FAIYAZTHULLA SHAIK

Hillsboro, OR 97124     faiyaz@pdx.edu | linkedin.com/in/faiyazthulla/     (971) 408-5551

## EDUCATION

**Portland State University, Maseeh College of Engineering and Computer Science (GPA: 3.89/4)**     **Portland, OR**
Master of Science (M.S.) in Computer Science     September 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:** C, Java, Python, 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 – Present**
- 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.

**Robotics & Coding Instructor, Portland State University, OR**     **June 2022 – August 2022**
- Designed and implemented a comprehensive curriculum that covers both robotics and coding concepts.
- Prepared lesson plans, teaching materials, and hands-on activities that align with the curriculum objectives.
- Facilitated hands-on activities and projects that allow students to apply coding and robotics concepts.

**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.
- Written efficient and scalable code that meets performance and security standards.
- 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.