

Faiyazthulla Shaik

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EDUCATION

- **Portland State University** Portland, OR
Master of Science in Computer Science; GPA: 3.83/4.00 *Mar. 2022 – Aug. 2023*
- **Prasad V Potluri Siddhartha Institute of Technology** Vijayawada, India
Bachelor of Technology in Computer Science and Engineering; GPA: 8.06/10.0 *June. 2015 – Mar. 2019*

TECHNICAL SKILLS AND INTERESTS

- **Languages:** Java, Python, HTML+CSS, JavaScript, C/C++
- **Web Dev Technologies/Tools:** JSON, jQuery, ReactJs, Bootstrap, VScode, Eclipse, Git, Github, Jenkins
- **Frameworks/Technologies:** Spring boot, JUnit, Mockito, Hibernate
- **Cloud/Databases:** Amazon Web Services (AWS), Relational Database(MySQL), PostgreSQL, Oracle
- **Areas of Interest:** Software Development and Engineering, Cloud Development
- **Soft Skills:** Problem-Solving, Self-learning, Presentation, Adaptability
- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Database Management System, Software Engineering

PROJECTS

- **Text Emotion Analysis:** Developed a model for emotion detection in English text using machine learning techniques, with a focus on analyzing emotions in textual dialogues. The model utilizes NLP techniques such as Multinomial Naive Bayes Classifier, TF-IDF Vectorizer, Linear SVM, and Logistic Regression. The accuracy of the model is evaluated using labeled tweet data sets.
- **Internet Relay Chat:** Created a single server architecture-based application utilizing Python code and deployed it on AWS Cloud by configuring an EC2 instance. Implemented multi-user functionality, enabling users to create and manage groups, as well as broadcast messages within them.
- **Loan Prediction for Commercial Bank:** Designed a modeling system that predicts whether the loan can be granted to the customer using Random Forest Machine Learning prediction algorithm.

EXPERIENCE

- **Portland State University** Portland, OR
Graduate Teaching Assistant *Sep. 2022 - June. 2023*
 - Conducted office hours to provide individualized support to students.
 - Drafted detailed weekly reports to the course professor to assist in directing curriculum, planning lessons, assignments, quizzes, final projects, and instructing labs.
 - Demonstrated strong communication, organizational, and time management skills while balancing multiple responsibilities.
- **Tata Consultancy Services** Hyderabad, India
Software Engineer *May 2019 - Feb 2022*
 - Migrating and refactored the legacy Java code to optimized Spring boot applications with Jenkins deployment which boosted efficiency.
 - Developed RESTful API services as a middleware between the application and third-party APIs using Java.
 - Ensured application quality by developing comprehensive JUnit test cases enhancing test coverage by 80 percent.
 - Developed & deployed web services in API model for integrating with various clients which made application scalable.
 - Collaborated closely with Software Architects and Senior Developers to design and implement high-quality software solutions using design.

Achievements

- 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 TCS.
- Recognized with the 'Best Team Award' for delivering thoroughly tested, bug-free code and making significant contributions to the project at Tata Consultancy Services.