Faiyazthulla Shaik
faiyazshaik03@gmail.com | Portland, OR 97201 | (971) 408 5551
https://linkedin.com/in/faiyazthulla | https://faiyazthullask.github.io

EDUCATION

Portland State University (GPA: 3.83/4) **March 2022 – August 2023**
Master of Science (M.S.) in **Computer Science** Portland, Oregon

Jawaharlal Nehru Technological University **June 2015 - March 2019**
Bachelor of Technology (B. Tech) in Computer Science and Engineering Vijayawada, India

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, Shell Script
Databases: Microsoft SQL Server, MySQL, PostgreSQL, NoSQL, MongoDB
Developer Tools: VS Code, IntelliJ, Docker, Kubernetes
Tools and Frameworks: HTML, CSS, JavaScript, JSON, SpringBoot, JUnits, Mockito, REST API Development, Agile Development, Apache Kafka, ReactJS, AWS, Google Cloud Platform.
Relevant Coursework: Algorithm Design and Analysis (CS 584), Modern Agile and Other XP Software's (CS 510), Machine Learning (CS 545), Code Revision and Review (CS 510), Operating System (CS 532)

PROFESSIONAL EXPERIENCE

Computer Science Department at Portland State University **September 2022 – June 2023**
Graduate Teaching Assistant Portland, Oregon
Technology Stack: Java, J2EE, Linux, GitLab, Python, Google Workspace

- **Assisted instructed** in conducting engaging tutorials, and provided **individualized support** to students through office hours.
- **Automated** the grading process by writing a python script, which leads to saving 80% of time.

Office of Information Technology at Portland State University **March 2022 – December 2022**
Infrastructure and Cloud Applications Junior Engineer (Student Assistant) Portland, Oregon
Technology Stack: SQL, Python, Google Workspace, Adobe, Qualtrics, Bitbucket, Jira, Confluence, Git

- Implemented automated workflows, boosting operational efficiency, streamlining processes, and reducing manual effort from 4 hours to 3.
- Organized and prioritized tasks efficiently, managing a workload that resulted in a 20-millisecond reduction in latency for real-time analytics.

Tata Consultancy Services **May 2019 – February 2022**
Software Engineer Hyderabad, India
Technology Stack: Java, SpringBoot, JUnits, Mockito, Hibernate, GitHub, Jira, ServiceNow, STS, IntelliJ, SoapUI, Jenkins, Oracle

- Integrated WebAPI-based applications with **third-party APIs**, such as DocuSign, to seamlessly adopt eSignature technology, significantly reducing paperwork **efforts by 80%**.
- Built CI/CD pipelines by writing DSL automation scripts using Groovy with Jenkins, automating build, test, and deployment processes for accelerating **software delivery by 60%**.
- **Developed** unit tests using JUnit and Mockito, achieving **82% code coverage** by following the Test-Driven Development (TDD) approach.
- Attained **70% reduction** in critical incidents through efficient Production Support by implementing **ELK monitoring (log4j)**. Enhanced proactive issue detection by creating Splunk dashboards, and alerts.
- Efficiently **processed and migrated** over **100,000+ records** of bulk data, utilizing Spring batch scheduling using **CRON jobs**. Applied multi-threading techniques using Executor service mitigating 60% of the execution time.

ACADEMIC PROJECTS

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.

Text Emotion Analysis | *Python, Pandas, Jupyter Notebook, NumPy, Matplotlib*
Implemented 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 datasets.

ACCOMPLISHMENTS

- Received 'Intercultural Leadership Award' for mentoring International Students at Portland State University.
- Recognized with the 'Best Team Award' for delivering thoroughly tested, bug-free code and making significant contributions to the project.