MUJEEB HUSSAIN MOHAMMED

**SOFTWARE ENGINEER**

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**ABOUT ME**Software Engineer with 3 years and 10 months of experience in backend development, QA automation, and cloud workflows. Expert in Javascript, FastAPI, Pytest, Selenium, Appium, and CI/CD using Jenkins. Skilled in AWS (Lambda, DynamoDB, Boto3) and frontend development with React JS

# TECHNICAL SKILLS

# Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind, Zustand

# Backend: Python, FastAPI, Flask, REST APIs, MySQL, MongoDB

# Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, CI/CD, AWS DynamoDB

# Tools & Practices: Git, GitHub, Agile (Scrum), Unit Testing, API Documentation

**AI:** Generative AI, Langgraph, LLMS, Open AI APIs

# EXPERIENCESaven Technologies Limited

# Software Engineer 2022 - Present

# Migrated users data from relational databases (MySQL/PostgreSQL) to AWS DynamoDB, leveraging Boto3 scripts for efficient data transformation and real-time replication, improving query performance by 40%.

# Designed and deployed AWS Lambda functions to automate event-driven workflows (e.g., data processing, notifications), reducing manual backend operations by 50% and enhancing scalability.

# Optimized serverless architectures using AWS API Gateway + Lambda, cutting cloud costs

# Built interactive internal dashboards using React JS (Javascript ES6+), Tailwind with Zustand for state management, integrating RESTful APIs to deliver real-time operational insights to stakeholders.

# Developed scalable microservices using FastAPI, improving API response time by 40% and supporting a 3x increase in concurrent users.

# Saven Technologies Limited

# Junior Software Engineer 2021 - 2022

# Designed a robust QA automation framework using Python, Pytest, Selenium, Appium, and integrated with TestRail, increasing test coverage by 80% and reducing manual QA efforts.

# Automated cross-platform regression testing (web/mobile), reducing release cycle time by 60% and accelerating feature delivery.

# Built and maintained CI/CD pipelines with Jenkins, enabling 100% automated deployments with zero downtime and faster rollbacks.

# Created reusable Python test modules with built-in logging and monitoring, reducing debugging time improving test reliability.

# PERSONAL PROJECTS

# ML-Powered Resume Ranker [ML Resume Ranker](https://github.com/Mujeebhussain153/ml-resume-ranker)

# Tech Stack: **Python, Scikit-learn, FastAPI, React.js, MongoDB, Docker**

# A resume parsing and ranking engine using NLP to match candidate resumes against job descriptions.

# Utilized TF-IDF and cosine similarity for semantic matching.

# Built a FastAPI backend and React frontend with real-time score visualization.

# Containerized with Docker and deployed via CI/CD.

**EDUCATION**

**Master of Science in Information Technology (MSIT)**

Jawaharlal Nehru Technological University, Hyderabad 2020-2022

**Bachelor of Technology (B.Tech)** 2016-2020

Jawaharlal Nehru Technological University, Anantapur