

# MUJEEB HUSSAIN MOHAMMED

## SOFTWARE ENGINEER

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### ABOUT ME

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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

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**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

### EXPERIENCE

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#### Saven 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

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### ML-Powered Resume Ranker

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

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

Jawaharlal Nehru Technological University, Hyderabad

2020-2022

### Bachelor of Technology (B.Tech)

Jawaharlal Nehru Technological University, Anantapur

2016-2020