ABDUL MAJEED INAMDAR

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Software Development Engineer with extensive experience in developing secure, scalable backend systems for cloud-native platforms. Proficient in Python, RESTful microservices, event-driven architecture, and cloud technologies. Adept at delivering high-performance solutions and collaborating in Agile teams. Seeking to drive innovation, enhance system performance, and contribute long-term value in fast-paced engineering environments.

EXPERIENCE

Software Development Engineer — July 2022 – Present
Jio Platforms Limited — *Mumbai, India*

- Contributed to Identity Lifecycle Management and Vulnerability Assessment modules within the Security team for CloudXP-Hybrid Cloud Management Platform, focusing on scalable and secure backend solutions.
- Designed and developed scalable RESTful microservices using **FastAPI**, optimizing API performance and system responsiveness for enterprise-scale environments.
- Engineered and optimized backend data infrastructure using **PostgreSQL**, **Oracle SQL**, **MongoDB**, and **Elasticsearch**, achieving 30% improvement in query execution and 50% reduction in response times through Redis caching.
- Architected robust event-driven systems using **Kafka** and **RabbitMQ**, enhancing fault tolerance and asynchronous task handling.
- Leveraged **Docker** and **Kubernetes** for containerization and orchestration, significantly improving deployment speed and system scalability.
- Delivered secure backend services on cloud platforms, implementing CI/CD pipelines using **Azure DevOps** and managing source control via **Git**.
- Collaborated in Agile sprints with cross-functional teams, contributing to feature delivery, innovation, and fostering a collaborative engineering culture.

EDUCATION

Fr. Conceicao Rodrigues Institute of Technology — Navi Mumbai, India
Bachelor of Engineering in Information Technology — *Oct. 2019 – May 2022*

Government Polytechnic Mumbai — Mumbai, India
Diploma in Computer Engineering — *July 2016 – June 2019*

PROJECTS

Personalized College Recommender and Cutoff Predictor for Direct Second Year Engineering

- Web application that helps diploma graduates choose colleges based on their final percentage and other factors to secure admission in Direct Second Year of Engineering.
- Technologies Used: Django, JavaScript, MySQL, AWS.

Pizza Billing System

- Web application developed using Python to help local pizza shopkeepers take customer orders and generate bills.
- Technologies Used: Flask, PostgreSQL.

Smart Agriculture System

- IoT-based project to help farmers monitor soil moisture remotely via mobile devices. Supports automatic irrigation and wireless fertilizer spraying based on mobile app controls.
- Technologies Used: Arduino, React Native.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C++, PHP, Java
Databases: PostgreSQL, MySQL, Oracle SQL, MongoDB, Redis, Elasticsearch
Frameworks: FastAPI, Django, Flask, ReactJS
Operating Systems: Linux/UNIX, Windows
Developer Tools: Kubernetes, Docker, Git, RabbitMQ, Kafka, Azure DevOps
Libraries: Pandas, NumPy, SQLAlchemy, Pytest, Tkinter, jQuery
Cloud Platforms: Microsoft Azure, AWS
Core Competencies: RESTful microservice API Development, Full-Stack Development, Identity Lifecycle Management, Security Engineering, Cloud Computing, Data Engineering, Agile Methodology, Software Testing