MOHAMMAD AZAM

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OBJECTIVE

Results-driven Software Engineer with 2.5 years of expertise in Python, Django, Flask, MySQL, and REST API development. Skilled in crafting scalable solutions and actively involved in the entire software development lifecycle, from configuration to testing. Committed to writing efficient, maintainable code and solving real-world problems.

EDUCATION

Bachelor of Technology (CSE), Mohammad Ali Jauhar University   2018 - 2022

SKILLS

Languages & Frameworks:	Python, Django, Flask, JavaScript, HTML5, CSS3, RESTful APIs
Databases & Others:	MySQL, SQLite, PostgreSQL, MongoDB, NumPy, Pandas, Web Scraping
Tools & Platforms:	Git, Github, GCP, Docker, JIRA, ORM, Agile methodologies

EXPERIENCE

Software Engineer   Aug 2023 - Present
Techtheos Technologies Pvt Ltd   *Bengaluru, India*

- Boosted software performance by 40% through optimized database queries and efficient caching. and increasing user engagement by 30% with automated notifications.
- Built and integrated RESTful APIs for seamless data exchange between microservices.
- Improved query efficiency by 25% and developed MRP, DP, and BHP modules for tailored trade needs.
- Built a 24x7 system for real-time attendance and food suggestions, boosting external integrations by 50%.
- Reduced data retrieval times by 20% and streamlined management interfaces, cutting admin time by 30%.

Backend Developer   Sep 2022 - Aug 2023
AB InBev India   *Bengaluru, India*

- Designed and developed backend APIs for data management and processing.
- Optimized SQL queries and database operations for improved system performance.
- Integrated authentication and authorization mechanisms into applications.
- Built custom PowerApps applications with backend logic using Python and SQL.

PROJECTS

Trade Term Structure. Worked on the TTS project, building Python code alongside Java and Angular developers. I helped improve a promotional tool for managing marketing campaigns with partners like Amazon and Flipkart. I also led the creation of Python modules for trade needs, handling data prep, validation, and API uploads.

Image Recognition as a Service. Created a 24x7 face recognition system with real-time attendance tracking, personalized food suggestions, and seamless integration for third-party companies. Managed MySQL databases and developed intuitive interfaces for efficient company and employee management.

GRC Wiki and Happiness Tracker. Built an app that integrates a GRC Wiki for tutorials and a Happiness Tracker using 0-5 ratings for team feedback, with a manager dashboard for analyzing team well-being.

CERTIFICATIONS

- **Python and MYSQL:** Received after completing a two-month online advanced Python course.
- **Face Recognition app :** Build Face Recognition application as a part of AI-For- India Event Hosted By Guvi.