

Mohammad Abukahfa

Delhi, India • mkgour504@gmail.com • +918439303637 • +971502807457

Professional Summary

Experienced Python Developer with a strong background in software development, design, and debugging, supported by a Bachelor's in Computer Applications. Proficient in leveraging Python's adaptability for building innovative solutions across diverse domains. Committed to continuous learning and applying modern technologies to deliver innovative solutions.

TECHNICAL SKILLS:

- **Programming Languages:** Python, SQL, C
- **Frameworks:** Django, FastAPI, NinjaAPI, Langchain
- **Libraries:** Pandas, NumPy, SQLAlchemy, Requests, Pytest
- **Databases:** MySQL, PostgreSQL
- **Tools & Technologies:** Microservices, Git, VS Code, Azure, REST APIs, JSON
- **Other Skills:** API Development, Debugging, Troubleshooting, Agile Methodologies

Experience

Eat Easily Online DMCC

Dubai, UAE

FastAPI Developer

Feb 2024 – Jan 2025

- Developed FastAPI-based RESTful APIs for an AI-powered agentic application using LangChain, enabling seamless user interaction with multiple open-source AI models.
- Integrated OpenAI GPT and other open-source models to process user queries and generate responses.
- Designed and optimized multi-model routing using LangChain to select the best AI model based on query type, accuracy, and latency.
- Used LangChain to manage AI model interactions and route user queries to the appropriate model.
- Secured API endpoints with JWT authentication, ensuring controlled access and data privacy.
- Logged and monitored API requests to track performance and improve system efficiency.
- Designed and optimized real-time monitoring capabilities for enterprise-wide user tracking.
- Assisted with the deployment of FastAPI applications and ensured smooth operation in production environments.

IN2IT TECHNOLOGY

Noida, India

Python Developer

Sep 2022 – Jan 2024

- Worked as an API developer using the Django framework and FastAPI, implementing various approaches for API validation and response masking.
- Collaborated with cross-functional teams to design and deploy a web application leveraging Python and Django.
- Integrated third-party APIs and services to extend application functionality and meet project requirements.

- Developed unit tests and performed debugging to ensure application stability and maintain code quality.
- Designed and executed database schemas to support scalable data storage and efficient querying for web applications.
- Designed and optimized real-time monitoring capabilities for enterprise-wide user tracking.
- Ensured platform independence in Prowatch, making it adaptable across multiple operating systems.

Projects

Restaurant and Food Agents

- Developed RESTful APIs using FastAPI to integrate multiple AI models for an AI-based agentic application, providing intelligent responses to user queries.
- Implemented asynchronous API endpoints to enhance performance and manage high traffic, ensuring faster response times.
- Integrated LangChain to streamline interactions with various AI models, routing queries to the most suitable model for optimal performance.
- Worked with OpenAI GPT and other open-source AI models to process natural language queries and generate contextually relevant responses
- Tracked and monitored API performance through logging, identifying bottlenecks and optimizing application efficiency.

Prowatch – User Activity Monitoring System

- Developed a cross-platform user activity monitoring system to track active hours, search history, software usage, and device location.
- Implemented data encryption and decryption mechanisms to ensure secure data handling.
- Designed and optimized the system for real-time monitoring in organizational environments.
- Enabled centralized tracking of user activities across multiple devices within an enterprise.
- Ensured seamless platform independence, making it adaptable across different operating systems.

Education

- | | |
|---|------------------|
| ● Bachelor's of Computer Application (BCA)
CCS University Meerut | 2018-2021 |
| ● Intermediate (12th)
Janta inter college muzaffarnagar | 2017-2018 |
| ● Secondary School Certification (10th)
Galaxy Convent School Rohana | 2015-2016 |

Certifications/Courses

- Complete Python 6 months Training Certification from Q Spider Noida
- Certification in LangChain for LLM Application Development