

Zohan Zafar

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SUMMARY

Software Engineer with experience in Python frameworks, including FastAPI, Django REST Framework, and Flask. Skilled in creating RESTful APIs, managing databases, and adding AI features to applications. Focused on building secure, maintainable systems that meet project requirements.

SKILLS

Languages: **Python, SQL**

Databases: **PostgreSQL, MySQL, MongoDB, Redis**

AI & Machine Learning: **Generative AI**

Frameworks & Tools: **Django REST Framework, FastAPI, Flask, Celery, Postman, Docker, VS Code**

Cloud Platforms: **AWS, Azure, Google Cloud**

Version Control: **Git, GitHub**

WORK EXPERIENCE

BRB Group

Karachi, Pakistan

Associate Software Engineer

November 2024 - Present

- Developing backend systems using **Django REST Framework** and **FastAPI** to automate company departments, aiming to increase productivity and reduce costs.
- Designing, managing, and maintaining databases for secure and efficient data handling.
- Deploying AI-powered automation solutions to streamline workflows across departments.

Indenta AI

Karachi, Pakistan

Junior Software Engineer

March 2024 - October 2024

- Developed and managed backend systems for Generative AI projects using **Django REST Framework**.
- Work closely with AI engineers and front-end developers to ensure seamless integration of all components.
- Developed a product that significantly boosted marketing efforts, leading to a 60% increase in sales.

EDUCATION

Sir Syed University of Engineering and Technology

Karachi, Pakistan

Bachelor of Science in Software Engineering

CGPA: 3.68

PROJECT WORK

V-Drive (Final Year Project - FYP)

GitHub Link

Developed a VR-based driving system to help new drivers practice in a safe and interactive environment. Designed to improve driving knowledge and promote road safety.

C# · Unity · VR · SQL

Audionary – 100 Agents Hackathon 2025

GitHub Link

Built a web app that converts uploaded PDF files into short audio summaries. Used OpenAI and LangGraph for summarization and gTTS for natural-sounding speech. Users can listen to or download the summary. Designed and developed both the API and a clean user interface using HTML and Tailwind CSS.

Python · Django REST Framework · OpenAI · LangGraph · gTTS · PyMuPDF

AI Research Agent

GitHub Link

Built a backend system that creates structured research reports using AI. Users enter a topic, and the system gathers data from Wikipedia and sends it to OpenAI for report generation. Reports include sections like scope, design, and ethics, and added features for saving, viewing, and exporting reports as PDF or CSV through REST API endpoints.

Python · Django REST Framework · OpenAI API · AI Agent

CERTIFICATIONS

- **Artificial Intelligence Fundamentals** IBM
- **Generative AI in Action** IBM
- **Web Development Fundamentals** IBM
- **Python Essentials 1** Cisco

AWARDS AND VOLUNTEERING

- **Certificate of Merit** Character Building Society, SSUET
- **Volunteer** Campus France Pakistan