

Hamza Abdul Jabbar

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PROFESSIONAL SUMMARY

Dedicated Python Developer with a strong background in Django, building real-world projects since early 2023. Recently built a large 4-in-1 platform (Fireprenair) from scratch. I also use Flask and FastAPI to create microservices and deploy AI models. Skilled at building RESTful APIs, improving database speed, and working well in team environments.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, C++, Bash

Backend & Frameworks: Django, Flask, FastAPI, RESTful APIs, Node.js

Databases & DevOps: PostgreSQL, MySQL, Redis, Git/GitHub, Docker, AWS (EC2/S3), Linux/Unix

Core Competencies: System Design, Problem Solving, Troubleshooting & Debugging

PROFESSIONAL EXPERIENCE

Full Stack Developer (Django/Python)

Oct 2024 – Feb 2025

Fireprenair.com (Remote)

Delaware, United States

- Co-architected and developed a comprehensive 4-in-1 AI-powered platform (freelancing, digital assets, e-learning, networking) from the ground up using **Python (Django)**.
- Designed a modular backend architecture to seamlessly integrate distinct services, featuring an AI-driven dashboard for optimized user transitions.
- Implemented robust backend security protocols, including advanced encryption and multi-layer authentication, ensuring secure transactions and data privacy.
- Built and deployed a scalable, cloud-based infrastructure optimized for high-performance AI automation and rapid platform growth.

SELECTED PYTHON PROJECTS

DEV SYNC (Developer Portfolio Platform) | Django, DRF, PostgreSQL

2024

- Developed a full-stack web application using **Django** and **Django REST Framework (DRF)**, enabling users to manage profiles, showcase projects, and handle incoming messages.
- Engineered a robust backend with **PostgreSQL**, implementing full CRUD operations, secure user authentication, and automated email notifications via the Gmail API.
- Optimized platform performance by integrating Cloudinary for media hosting and deployed the production environment on Vercel and Railway ([View Code](#)).

Salesforce Data Migration Tool | Python, FastAPI, Data Processing

Jan 2026

- Developed a Python-based desktop application utilizing **FastAPI** to automate and manage complex data migrations to Salesforce.
- Troubleshoot, debugged, and optimized data transformation scripts, ensuring seamless integration with external APIs and maintaining strict data integrity.

NoHaram DNS (AI-Powered Internet Filter) | Python, Flask, Redis

2025

- Engineered a hybrid DNS filter blocking 2.1M+ domains, writing optimized backend **Flask** APIs to handle asynchronous AI analysis.
- Troubleshoot system bottlenecks and optimized latency to <15ms using Redis message queuing, demonstrating strong analytical and problem-solving skills.
- Maintained the codebase and version history systematically using Git ([View Code](#)).

EDUCATION

University of Engineering and Technology, Taxila

Taxila, Pakistan

BS Computer Science; CGPA: 3.75/4.00 (Current 7th Semester)

Expected June 2026

- **Relevant Coursework:** Data Structures, Database Systems, Operating Systems, Analysis of Algorithms.

HONORS & AWARDS

Meta Hacker Cup 2024: Qualified for Round 1; demonstrated strong problem-solving skills under time limits.

Merit Scholarship: Awarded full tuition fee waiver for academic excellence (Top 5% of class).