

TAHIR SIDDIQUE

Python Backend Engineer | FastAPI | Django

London, UK | tahirsideequework@gmail.com | linkedin.com/in/tahir-siddique-pk | github.com/Tahir-Siddique

PERSONAL PROFILE

Python backend engineer with 7+ years of professional Python development experience across employed roles and freelance production work. Focused on shipping FastAPI, Django and Flask APIs, faster PostgreSQL queries, stabler legacy systems, and delivery that wins repeat clients. Currently System Developer at Synerge Ltd on Melode (FastAPI + Next.js), improving operational visibility for healthcare staff, locations and assets. Also delivered a large-scale humanitarian IDM platform and production commerce backends. Open to backend-focused Senior Python Engineer roles.

KEY SKILLS

Python and APIs: Python, FastAPI, Django, Flask, REST APIs, Celery, asynchronous processing

Data: PostgreSQL, MySQL, SQL, Redis, Pandas, NumPy, Snowflake

Frontend: Next.js

Delivery: Docker, Git, Git Flow, Azure DevOps, CI/CD, AWS, Azure, pytest

Automation: Selenium, Playwright, Beautiful Soup, third-party APIs (Twilio, SendGrid)

Working practices: Backend architecture, code review, refactoring, production support, remote Agile delivery

PROFESSIONAL EXPERIENCE

System Developer, Synerge Ltd, London, UK

January 2026 - Present

- Shipped Melode's FastAPI backend against a Next.js frontend so healthcare teams can run staff, location and asset workflows from one platform instead of fragmented manual processes.
- Delivered production APIs for shift history, clock-in/out, location operations and activity records that keep multi-organisation data consistent under concurrent use.
- Hardened query performance and backend modules so new features can land in production without destabilising live operations.

Software Engineer, Brains Engineering, Remote (Italy)

January 2025 - November 2025

- Delivered the Python/PostgreSQL backend for the IDM Platform, enabling transparent beneficiary registration, distribution cycles and reporting for humanitarian food logistics across Syria.
- Raised backend throughput with query optimisation, caching and asynchronous processing so field and partner teams could rely on timely operational data.
- Stood up Azure DevOps CI/CD with Git Flow, cutting release friction and embedding access control, audit trails and secure data handling for NGO compliance.

Back End Developer, The Semantics, Remote / Lahore (company HQ London)

July 2023 - January 2026

- Shipped FastAPI and Django REST APIs that powered web and mobile products into production for client delivery cycles.
- Improved PostgreSQL query performance and data consistency, and refactored legacy services to restore production stability.
- Unblocked remote cross-functional delivery by owning deployments, environment setup and ongoing backend fixes in Git/Agile workflows.

Python Developer, Code Graphers, Pakistan

June 2022 - June 2023

- Delivered scalable Python backends that met client performance and reliability targets under real-world load.
- Turned product requirements into production-ready releases with frontend, product and stakeholder partners.
- Stabilised client systems by debugging, refactoring and optimising existing codebases rather than rewriting from scratch.

Freelance Software Engineer, Self-employed (Upwork and Fiverr), Remote, international clients

January 2019 - January 2026

- Long-running freelance Python delivery for startups and SMEs - FastAPI/Django APIs, automation and performance work - with strong client feedback and repeat retainers.
- Took ownership of fragile codebases and left them production-ready: refactors, database design, third-party integrations and cloud deployments without day-to-day supervision.
- Converted short engagements into long-term contracts through on-time releases and clear communication.

EDUCATION

MSc Cybersecurity

2026

University of the West of Scotland, London

BSc Software Engineering

2018 - 2022

COMSATS University Islamabad, Pakistan

Final-year project: object sound recognition using Mel spectrograms and a Keras CNN.

SELECTED PROJECTS

Bol Order Panel - Production commerce backend

January 2023 - September 2025

Gave dropshipping operators one live control panel for multi-store orders, returns, inventory and sales targets. Backend APIs and a high-volume transactional schema replaced fragmented store workflows with end-to-end order/return lifecycle handling and actionable dashboard metrics.

CVE-to-My-Stack - FastAPI, CyberHack 2026

June 2026

Cut CVE triage time by turning offline NVD, EPSS and CISA KEV feeds into a ranked action list and one-page executive brief for a given software stack. FastAPI UI + Python CLI, with pytest coverage.

Vigil - Innovation Challenge 2026, first prize

July 2026

Won first prize at UWS London for an AI SOC assistant that reduces alert noise: connects to a security stack, investigates like a Tier 1/2 analyst, drafts remediation plans and notifies Slack with human approval retained.

Forensics AI - Django, Cyber Defence Hackathon 2026

June 2026

Second runner-up with Team Krypton. Gave investigators a live digital forensics mini-lab: plain-language case intake, evidence upload (E01, AD1, ZIP, logs), tool-call timeline and exportable reports. Built with Django, Celery and Redis.

AWARDS AND PROFESSIONAL DEVELOPMENT

First prize - Innovation Challenge 2026

July 2026

University of the West of Scotland, London Campus, Enterprise and Innovation Lab. Winning venture Vigil.

Second runner-up - Cyber Defence Innovation Hackathon 2026

June 2026

York St John University London and Paragon Research and Innovation. Team Krypton. Forensics AI investigation platform.

ADDITIONAL INFORMATION

- References are available on request.