

Hafiz Muhammad Furqan Azhar

Full-Stack Developer | Backend Focus

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PROFESSIONAL EXPERIENCE

- Full Stack Developer (Contract)**

May 2026 - Present

Contract Based Work

 - Built Express/Prisma/PostgreSQL APIs for accounts, booths, job applications, coins, and user progression.
 - Added messaging, Redis/Socket.IO presence, room-capacity checks, and a React-to-Unity launch-ticket bridge.
 - Added Docker build stages, Prisma migrations, automated tests, and OpenAPI documentation.
- Backend Developer**

Oct 2025 - Apr 2026

Zweidevs (Pvt) Ltd | Tranero

 - Owned Tranero's backend: account access, subscriptions, administrative APIs, and invoice-management workflows.
 - Integrated Odoo, QuickBooks, ERPNext, Microsoft Dynamics, and the Nigerian NRS service.
 - Connected self-hosted Frappe Helpdesk for ticketing.
- Freelance Data Mining Specialist**

Oct 2024 - Jan 2025

Remote

 - Developed site-specific Scrapy/BeautifulSoup spiders and source-text extraction workflows.
 - Public processing examples include JSON field checks and ordered CSV export.
- Web Development Intern**

Jul 2022 - Aug 2022

TechAbout Private Limited

 - Supported frontend and backend development under senior developer guidance.

TECHNICAL SKILLS

Backend / data: Node.js, Express, Prisma, Django, Django REST Framework, FastAPI, Flask, Celery, PostgreSQL, Redis, Socket.IO
Invoice / compliance: Odoo, QuickBooks, ERPNext, Microsoft Dynamics, Nigerian NRS, Frappe Helpdesk
Product interfaces: React, TypeScript, Next.js, TanStack Router, Tailwind CSS
Build / verification: Docker, Git, Prisma Migrations, Automated Tests, Playwright, OpenAPI
Python / vision: Python, PyTorch, Ultralytics YOLO, OpenCV, NumPy
Extraction / processing: Scrapy, BeautifulSoup, Python csv/json

SELECTED PROJECTS

Floor-plan Vectorization & Room Segmentation. FastAPI room segmentation and React canvas; separate Flask/PyTorch line-inference wrapper.
Preference-Oriented Fixed-Priority Scheduler. Python task models, priority assignment, ready/delay queues, promotion events, and traces.
Web Extraction & Structured-output Pipelines. Site-specific Scrapy/BeautifulSoup extraction; JSON field checks and ordered CSV export examples.

EDUCATION

- Master of Science in Computer Science (In progress)**

2025 - 2027

National University of Computer and Emerging Sciences (NUCES)
- Bachelor of Science in Computer Science**

2021 - 2025

COMSATS University Islamabad

CERTIFICATIONS

Crash Course on Python (Google (Coursera), Nov 2025); Using Python to Interact with the OS (Google (Coursera), Nov 2025); Understanding Prompt Engineering (DataCamp, Mar 2026); Writing in the Sciences (Stanford University, Mar 2026); AI Ethics (DataCamp, Apr 2026)