Yazan Al-Sedih

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LinkedIn GitHub Portfolio LeetCode
Based in Ramallah, Palestine — Open to Remote and On-site Positions

Summary

Software Engineer with production backend experience and end-to-end AI projects. Builds secure, scalable REST APIs with Node.js, TypeScript, and FastAPI on SQL/NoSQL databases, and ships LLM agents, RAG pipelines, and monitored ML systems. Combines solid engineering practices with applied AI to deliver reliable, real-world products.

Professional Experience

Freelance Backend Developer Nov 2025 – Present
Tasheh – Location-Based Discovery Platform *Remote*

- Backend engineer for a multi-tenant venue discovery and ordering platform, shipping REST endpoints on Node.js, Express, and TypeScript.
- Modeled a PostgreSQL schema in Prisma and built authentication end to end: JWT sessions, Google/Apple social sign-in, and role-based access control (RBAC) with audit logging.
- Enforced request validation with Zod and auto-generated OpenAPI docs, and hardened/tested the API with Jest/Supertest, Helmet, CORS, and rate limiting. Install App (Android) | Install App (iOS)

Technical Support Representative Nov 2025 – Present
Jawwal – Palestine Telecommunications Company *Nablus, Palestine*

- Diagnosed and resolved Fiber, xDSL, and IPTV network and connectivity issues.
- Monitored and troubleshot network infrastructure using MikroTik and Fortinet devices.
- Provided technical support and troubleshooting to non-technical customers.

Backend Developer Intern Feb 2025 – May 2025
Experts Turnkey Solutions *Ramallah, Palestine*

- Developed RESTful APIs in ASP.NET Core with a layered architecture and Entity Framework, secured with JWT authentication and role-based authorization.
- Documented APIs with Swagger for smooth client integration. GitHub Organization

Key Projects

Aurynix – *Personal product line of production-grade AI and ML systems*

Aurynix Nexus – AI Business Assistant Platform Sep 2026
FastAPI, LangGraph, Next.js, TypeScript, Qdrant, RAG Live Demo

- Built a multi-agent AI assistant (FastAPI + LangGraph) routing between research, email, and calendar agents, with a human-in-the-loop approval gate for irreversible Gmail/Calendar actions.
- Built a RAG pipeline (Qdrant + FastEmbed) with heading-aware chunking, OCR fallback, and async ingestion via a Redis worker queue.
- Secured with OAuth 2.0 and encrypted tokens; monitored with OpenTelemetry/Prometheus/Sentry and deployed via a Docker pipeline.

Aurynix Apex – Reusable ML Scoring & Monitoring Platform Sep 2026 – Oct 2026
Python, Pandas, Scikit-learn, FastAPI, MLflow, Docker, GitHub Actions Git Repository

- Built a configuration-driven data pipeline for data cleaning, feature engineering, leakage auditing, and lead segmentation across different datasets.
- Trained calibrated Logistic Regression scoring models with explainability, validated on X Education and Bank Marketing (0.787 / 0.359 PR-AUC).
- Served via FastAPI with drift monitoring and champion/challenger retraining; shipped with Docker, CI/CD, MLflow, and automated testing.

Technical Skills

Programming: Python, TypeScript, JavaScript, C#, Java

AI/ML: Scikit-learn, TensorFlow, Transformers, Hugging Face, Pandas, NumPy, Data Processing, Feature Engineering

Generative AI: LLMs, LangChain, LangGraph, RAG, Prompt Engineering, LLM APIs, AraBERT

Frontend: React, Next.js, HTML, CSS

Backend: Node.js, Express.js, ASP.NET Core, FastAPI, REST APIs

Databases: PostgreSQL, MySQL, SQL Server, MongoDB

Engineering: System Design, API Design, JWT, RBAC, Database Design, Prisma ORM

Tools: Docker, Git, GitHub Actions, MLflow, Redis, Qdrant, Postman, Swagger, Jest, Jupyter

Languages: Arabic (Native), English (Professional Working Proficiency)

Education

B.E. in Computer Engineering Sep 2020 – Jun 2025
An-Najah National University *Nablus, Palestine*

- **Relevant Coursework:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Databases, Web Development, Artificial Intelligence, Operating Systems, Distributed Systems
- **Graduation Projects:** FreeDevelopersCamp, Tile Grout Filling Robot GitHub Organization

Training & Certifications

DataCamp Scholarship – Data Science & AI Sep 2025 – Present
Gaza Sky Geeks × DataCamp *Remote*

- One-year scholarship in data science, ML, and cloud with hands-on projects. DataCamp Profile

Deep Dive LLM Bootcamp Sep 2025 – Dec 2025
zakey.tech *Remote*

- Built AI solutions using LLMs, NLP, RAG systems, and generative AI techniques. Certificate

Honors & Awards

1st Place – Pink AI Hackathon 2026 Oct 2026
DataCamp × Gaza Sky Geeks *Remote*

- Won first place in a breast cancer ML challenge with leak-free modeling and threshold tuning. Certificate