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 Pulse – AI Lead Qualification Platform Nov 2026
FastAPI, PostgreSQL, Redis, Gemini, n8n, Next.js, Docker Live Demo

- Built a platform that collects web-form, Telegram and CSV leads, merges duplicates, and scores each 0–100 by blending ML fit (Apex) with LLM intent (Gemini) in Arabic and English, with every signal backed by a quote from the lead's own words.
- Closed the learning loop: Won/Lost outcomes return to Apex against its pre-contact prediction (no leakage); signed score events trigger n8n Telegram alerts when a lead turns hot.
- Runs in production as 8 containers in under 1 GB RAM, with a transactional outbox, auto-deploy, uptime monitoring and 600+ API tests.

Aurynix Apex – ML Lead Scoring & Monitoring Sep 2026 – Oct 2026
Python, Scikit-learn, FastAPI, MLflow, Docker Git Repository

- Built a reusable, config-driven scoring pipeline (validated on two datasets) with a leakage audit, calibration, drift monitoring and champion/challenger retraining; the top 20% of leads captures 43% of buyers (0.787 PR-AUC vs 0.385 baseline).

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

- Built a multi-agent assistant (LangGraph) routing research, email and calendar agents, with human approval before irreversible actions; RAG on Qdrant with OCR fallback, secured with OAuth 2.0.

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