

Salman Iyad Abualhin

Full-Stack Product Engineer

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PROFESSIONAL SUMMARY

Full-Stack Product Engineer with 4+ years delivering 50+ client projects across international markets. Top-ranked student (90.1/100 GPA, 1st in cohort) and competitive programmer (IEEEExtreme 18: 1st in Gaza, 379th globally). Specialized in Next.js/TypeScript product engineering — from relational database design and RBAC systems to AI-integrated applications. Comfortable working independently as sole engineer, leading and mentoring developers on team projects, or collaborating within larger engineering teams — with a consistent track record of owning system design, DevOps, and delivery end-to-end. Seeking to apply product-level thinking and engineering depth to high-impact teams.

TECHNICAL SKILLS

Frontend	React.js, Next.js, TypeScript, Zustand, React Query, Tailwind CSS, Framer Motion	Backend	Node.js, Express.js, NestJS, REST APIs, GraphQL, WebSockets, JWT, OAuth
Databases	PostgreSQL, MySQL, MongoDB, Supabase, Firebase	AI / ML	LangChain, RAG, FastAPI, Gemini, Prompt Engineering
Cloud/DevOps	AWS, Vercel, Hostinger VPS, Oracle Cloud, Linux, Git, GitHub	Languages	TypeScript, JavaScript, Python, Java, C++, SQL

PROFESSIONAL EXPERIENCE

Full-Stack Product Engineer — Freelance

Feb 2023 – Present

Self-Employed · Remote · 50+ clients across Palestine, Gulf region, and international markets

- Delivered 50+ web applications across e-commerce, SaaS, and service industries — managing full lifecycle from client scoping and system design to deployment and handover
- Architected production applications in Next.js, NestJS, and Node.js with PostgreSQL and MongoDB backends; implemented JWT and OAuth authentication systems across multiple engagements
- Consistently achieved sub-2s load times through SSR strategy, image optimization, and query design; achieved 100/100 across all four PageSpeed Insights categories (Performance, Accessibility, Best Practices, SEO) on production deployments
- Maintained 100% on-time delivery rate across all client engagements while operating under challenging infrastructure conditions

Full-Stack Engineer Intern (Remote)

Dec 2023 – Feb 2024

Areisto Soft

- Developed scalable frontend and backend features within a distributed Agile team
- Led frontend performance optimization initiative; identified rendering bottlenecks and reduced bundle weight, improving page load performance by approximately 40%

Database Engineer Intern (Remote)

Nov 2023 – Jan 2024

GazaSkyGeeks

- Designed relational and NoSQL database schemas for production applications
- Rewrote critical queries and restructured indexing strategy, eliminating full-table scans on highest-traffic endpoints and reducing average query execution time by approximately 50%

React.js Frontend Developer Intern

May 2023 – Oct 2023

GazaSkyGeeks

- Built responsive, production-deployed interfaces in React.js across real client projects
- Collaborated in Agile sprints with designers and backend engineers; applied component-driven architecture patterns

SELECTED PROJECTS

Zero Store — E-Commerce Platform & Admin Dashboard

2026

Stack: Next.js · TypeScript · Supabase (PostgreSQL + RLS) · Zustand · Tailwind CSS v4 · Framer Motion · Resend zero-store.org

Sole engineer — responsible for system design, database architecture, DevOps, and production deployment from zero.

- Designed and enforced three-tier RBAC (Superadmin / Editor / Support) at both application and database layers using Supabase Row Level Security — zero reliance on application-only auth guards
- Built a manual payment verification flow supporting local Palestinian methods (PalPay, Jawwal Pay, Reflect, Bank Transfer) — customers upload proof of transfer, owners review and confirm before fulfillment
- Implemented real-time admin notification system with event-severity categorization and full audit log recording every admin action (actor, timestamp, action type, technical detail)
- Achieved perfect 100/100 PageSpeed Insights scores across Performance, Accessibility, Best Practices, and SEO on the live production domain
- Configured full DevOps pipeline: custom domain provisioning, Supabase project setup, Vercel deployment with environment isolation

Soholah — Saudi E-Learning Platform

2026

Stack: React · Next.js · TypeScript · UI/UX Design

- Designed and built the UX for mock exam and training course flows now actively used by 12,000+ educators in Saudi Arabia
- Delivered Arabic-first, accessible interface meeting Gulf regional usability and RTL standards

Humanitarian Assistance Intelligence Platform

In Progress — Graduation Project

Stack: Next.js · FastAPI · PostgreSQL · LangChain · RAG · Offline-First Architecture

Offline-first intelligence system for orchestrating humanitarian aid distribution in low-connectivity crisis zones.

- Designing algorithmic Need Scoring microservice (Python/FastAPI) that ranks beneficiary families by demographic and historical vulnerability indicators — ensuring aid reaches highest-need cases first
- Architecting offline-first field distribution with local data caching and background sync workers for zero-connectivity environments
- Building unified beneficiary registry with deduplication logic to eliminate double-dipping across distribution events
- Integrating RAG assistant trained on NGO policy documents to answer citizen eligibility queries using localized, verified data

PizzaTruck — Online Donation Platform

2025

Stack: Next.js · Node.js · Express.js · MongoDB · Stripe · PayPal · Hostinger VPS pizzatruck.org

- Led project end-to-end as tech lead — architected the full-stack platform, worked with a frontend developer, and personally owned backend, DevOps, and production deployment
- Integrated Stripe and PayPal with webhook-confirmed donation flow; self-deployed on Hostinger VPS with manual server configuration, reverse proxy, and SSL setup
- Achieved 98/100 Lighthouse Performance score through SSR optimization and asset compression

Salman's Digital Space — Portfolio & AI Assistant

2025

Stack: Next.js · TypeScript · Appwrite · LangChain · Gemini 2.5 Flash · Resend salman.is-a.dev

- Implemented BFF API layer isolating all third-party credentials (AI, email) from client bundles; split Appwrite SDK strategy (client vs. server) with cookie-based session validation for admin route protection
- Integrated LangChain + Gemini 2.5 Flash with injected training data and constrained behavioral rules for a context-aware personal assistant

AppTrainers — E-Learning Platform Frontend Refactor

2025

Stack: React · Next.js · Performance Engineering apptrainers.com

- Refactored component architecture and rendering strategy for a leading e-learning platform, improving load performance and UX consistency across the platform

LEADERSHIP & VOLUNTEER EXPERIENCE

Data Structures & Algorithms Mentor

Sep 2025 – Oct 2025

IEEE Student Branch — Islamic University of Gaza

- Designed and delivered a 20-hour DSA training program for competitive programming students preparing for IEEEExtreme 19
- Managed assignments, student progress, and code reviews via Google Classroom

IEEEExtreme Student Ambassador

May 2025 – Nov 2025

IEEE Student Branch — Islamic University of Gaza

- Organized student participation in IEEEExtreme, managing team formation, IEEE registration, and competition preparation logistics

ACHIEVEMENTS

IEEEExtreme 18.0 Programming Competition — Team Leader, GazaScript

2024

- 1st Place in Gaza · 6th Place in Palestine · 379th Worldwide out of 5,000+ teams
- Led team under highly challenging conditions; demonstrated advanced problem-solving, algorithmic depth, and leadership

EDUCATION

B.Sc. Computer Systems Engineering

2021 – Present (Expected 2027)

Palestine Technical College Deir El-Balah (PTCDB) · GPA: 90.1/100 · Rank: 1st in Cohort

Studies continued remotely following campus closure due to conflict; full academic continuity maintained online.

- Relevant coursework: Data Structures & Algorithms, Database Systems, Operating Systems, Computer Networks, Software Engineering, Artificial Intelligence, Numerical Methods, Embedded Systems

CERTIFICATIONS

- Meta Back-End Developer Professional Certificate — Meta (Coursera) · Mar 2025
- Meta Front-End Developer Professional Certificate — Meta (Coursera) · Nov 2024
- Databases: Advanced Topics in SQL — Stanford University / edX · Jan 2025
- Computer Architecture — Princeton University (Coursera) · 2025
- IEEEExtreme 18.0 Programming Competition — IEEE · Oct 2024
- IEEEExtreme 19.0 Ambassador Certificate — IEEE · Oct 2025
- Trainer – Data Structures & Algorithms Level 1 — IEEE Student Branch, IUG · Oct 2025
- Google IT Support Specialization — Google (Coursera) · Mar 2025
- Database Engineering Training Certificate — Gaza Sky Geeks · Feb 2025
- Master Backend Development: Node, Docker & MongoDB — Udemy · Mar 2025
- Master OAuth 2.0: A Practical Guide to API Security — Udemy · Mar 2025
- Node.js Behind the Scenes — Udemy · Feb 2025
- Python & Django REST API Bootcamp — Udemy · Feb 2025
- Ethical Hacking Essentials (EHE) — EC-Council · Aug 2024
- EF SET English Certificate — C1 Proficient — EF SET · Apr 2025

LANGUAGES

Arabic — Native English — C1 Professional Proficiency