

ALI R. TOMAN

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Backend Engineer with 4+ years building secure, scalable backend systems using ASP.NET Core, C# and Node.js. Delivered PCI-DSS-ready payment systems and performance improvements that reduced latency and increased reliability for production services. Ready to start immediately.

CORE SKILLS

ASP.NET Core · C# · Node.js · TypeScript · SQL Server · PostgreSQL · MongoDB · Entity Framework · Microservices · DDD · REST APIs · JWT/OAuth · CI/CD (GitHub Actions) · Docker · AWS (ECS/S3) · Query optimization · Security & PCI-DSS compliance

EXPERIENCE

Backend Engineer — Internal System (Al Furat Al Awsat Technical Univ.) — 2022–Present

- Led design & implementation of a secure multi-tenant system for higher-education stakeholders; delivered MVP showcased at Global Entrepreneurship Week and reviewed by the Ministry of Education.
- Implemented RBAC, secure authentication, and real-time file handling on AWS ECS + S3 while maintaining strong privacy controls.
- Improved system performance and scalability through architectural refactors and monitoring.

Independent Backend Engineer — Contract Project — 2020–Present

- Reduced database query time by **40%** and cut API response time from **800ms** → **250ms** via indexing and query refactors.
- Delivered a **PCI-DSS v4.0-compliant** backend (tokenization, audit logging, secure deployment) ready for Dubai fintech readiness.
- Built reusable authentication modules (JWT/OAuth) that decreased client onboarding time by **35%**.
- Implemented Redis caching & WebSockets to deliver **60% faster** real-time updates.
- Built CI/CD pipelines (GitHub Actions / AWS) reducing deployment time by **50%**.

KEY PROJECTS

Secure Payments Gateway Backend (Node.js/TypeScript, AWS) — PCI-DSS 3.4 & UAE SRR 4.2-compliant payments API with AES-256 tokenization, MFA, audit logging, and Dockerized AWS deployment, cut latency from >1s → 280ms (p95) and achieved 99.9% uptime. Source Code: <https://github.com/eliya-it/dubai-pci/>

DotShop App (ASP.NET Core, SQL Server) — E-commerce API built with Service Layer Pattern, improving maintainability (30% faster feature delivery) and enabling future microservices transition; includes JWT auth, RBAC, and product/order/checkout modules. Source Code: <https://github.com/eliya-it/dotshop>

EDUCATION & CERTS

Microsoft Certified: Foundational C# — Microsoft Learn (May 2025)
Diploma in Management — Al Furat Al Awsat Technical Institute (2024)

Languages: Arabic (native), English (fluent) · Available onsite/hybrid in Baghdad · GitHub with live demos