ABDALLAH ALQASARWI

Ramallah, Palestine | +972 59 284 8691 | E-mail | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Computer Science professional with hands-on backend development experience, a strong foundation in database systems, and a track record of delivering full-stack projects from architecture to deployment. Eager to apply technical expertise, problem-solving skills, and a strong commitment to public service in the IT Referral System unit at the Ministry of Health, supporting system maintenance, source code management, and coordination with the development vendor to ensure operational continuity and quality.

PROFESSIONAL EXPERIENCE

Backend Development Intern   *2024 (2 Months)*
ULTIMIT — Software Development Company

- Developed and maintained backend services using ASP.NET Core (C#), implementing RESTful APIs consumed by web front-ends.
- Worked with SQL Server databases: wrote stored procedures, optimized queries, and managed data models for application modules.
- Participated in sprint planning and code reviews, gaining practical exposure to Agile development workflows.
- Collaborated directly with senior developers, reviewing source code, debugging issues, and understanding system architecture — experience directly applicable to vendor follow-up and system ownership roles.
- Gained familiarity with version control (Git) and deployment pipelines, supporting the ability to manage and safeguard application source code.

ACADEMIC & PERSONAL PROJECTS

SkyMind — Intelligent School Management & Learning Platform   *2024 – 2025*
ASP.NET Core · .NET 9 · Next.js 16 · PostgreSQL · Clean Architecture · Docker · Gemini AI · Supabase · JWT · xUnit

- Architected and built a full-scale, multi-role educational platform serving Students, Teachers, Parents, Administrators, and Super Admins within a single unified system.
- Designed the backend using Clean Architecture with MediatR (CQRS), FluentValidation, and ASP.NET Core Web API on .NET 9, with PostgreSQL via Entity Framework Core.
- Implemented Role-Based Access Control (RBAC) with JWT authentication, ensuring fine-grained permission management across all user roles.
- Built core academic modules: course & lesson management, assignment & exam creation, grade tracking, report cards, attendance, school calendar, and weekly plans.
- Integrated Supabase Realtime and Supabase Storage for live notifications, direct messaging, study groups, and file management.
- Developed AI-powered features using Gemini API: intelligent chatbot assistant, automated quiz generation, content summarization, and academic performance analytics.
- Deployed the full stack using Docker Compose; documented all APIs with Swagger/OpenAPI; implemented structured logging with Serilog.
- Wrote automated tests using xUnit (backend), Vitest (frontend unit), and Playwright (end-to-end).
- Supported bilingual UI (Arabic & English) with a Next.js 16 / React 19 / TypeScript / Tailwind CSS frontend.

Mechanic-Shop Workshop — Garage Management System   *2024 | github*
ASP.NET Core · C# · HTML · CSS · Docker · CI/CD (GitHub Actions) · Clean Architecture

- Designed and developed a full backend system for managing a mechanic workshop: work orders, vehicle tracking, services, and customer records.
- Applied Clean Architecture patterns with layered separation of concerns (API, Application, Domain, Infrastructure).
- Containerized the application using Docker and configured a CI/CD pipeline via GitHub Actions for automated build and deployment.
- Built a lightweight HTML/CSS frontend interface integrated with the backend REST API.

CERTIFICATIONS & CONTINUOUS LEARNING

Mastering ASP.NET Core: Concepts to Production-Ready APIs   *2024*
Instructor: Eng. Issam Abdelnabi

- RESTful API design, Dependency Injection, Middleware & Routing.
- EF Core, Repository Pattern & Unit of Work for robust data access layers.
- Authentication & Authorization: JWT, ASP.NET Core Identity.
- Logging & Observability: Serilog, Caching, Rate Limiting.
- Advanced architecture: Clean Architecture, CQRS pattern, Docker, CI/CD pipelines.

EDUCATION

Bachelor of Science in Computer Science   *August 2022 – Present*
Birzeit University, Ramallah, Palestine | Cumulative Average: Very Good

> ‣ Relevant coursework: Database Systems, Software Engineering, Computer Networks, Operating Systems, Web Development, Object-Oriented Programming.

Tawjihi — Scientific Branch (90.0%)   *July 2022*
Al-Hashemiah Secondary School, Ramallah, Palestine

KEY COMPETENCIES FOR THIS ROLE

- Source Code Management: Hands-on experience with Git, CI/CD, and project architecture — capable of maintaining and safeguarding production source code.
- Vendor Coordination: Ability to communicate technical requirements, review deliverables, and follow up with external IT development companies.
- System Troubleshooting & Maintenance: Proven debugging and issue resolution skills across full-stack ASP.NET and database environments.
- Database Stewardship: Proficiency in SQL, EF Core, and data modeling to support data integrity within health information systems.
- Production Deployment Experience: Familiar with Docker, CI/CD pipelines, and production-ready API standards through personal projects and formal coursework.
- Public Sector Commitment: Motivated by improving health service delivery for Palestinian citizens through reliable and well-maintained digital infrastructure.

LANGUAGES

Arabic — Native   **English** — very good