

Ahmad Al-Qattu

Full-Stack Software Engineer

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PROFILE

Full-stack software engineer focused on React, ASP.NET Core, and PostgreSQL. I work on business systems where the frontend, APIs, data model, permissions, workflows, and integrations need to fit together. My day-to-day work spans implementation, testing, deployment, and troubleshooting across the stack.

EDUCATION

B.Sc. Computer Science | **Birzeit University** | 2019 - 2024

EXPERIENCE

Software Developer | **Al-Ameen Technologies** 2023 - Present

- Build and maintain enterprise web applications with React, ASP.NET Core, and PostgreSQL, taking features from data modeling and APIs through frontend behavior, automated tests, and deployment.
- Designed reusable workflow and dynamic-form foundations used across multiple services, including stage-specific forms, record linking, permissions, and generated documents.
- Implemented authentication and RBAC, tenant-aware data access with PostgreSQL row-level security, and reliable cross-module processing with transactional outbox and idempotent handlers.
- Built reporting and document features and integrated both REST APIs and legacy SOAP/WCF services where existing systems needed to stay connected.
- Maintain CI/CD pipelines and deployed environments, and investigate issues across frontend, APIs, databases, authentication, and server/runtime layers.

Full Stack Intern | **Equiptal** Jun - Aug 2024

- Developed and tested a full-stack social application using Java/Javalin, HTMX, PostgreSQL, and Docker, including authentication and unit/integration tests.

SELECTED PROJECTS

Integrated Water Management Platform **React 19** · **ASP.NET Core** · **PostgreSQL** · **OpenIddict** · **YARP** · **Aspire**

Multi-module platform for water-authority operations covering licensing, wells and resources, distribution, laboratories, wastewater, GIS, and shared platform services.

- Built shared workflow and dynamic-form infrastructure so different services could reuse the same execution model instead of separate hard-coded flows.
- Worked across React and .NET/PostgreSQL on authorization, tenant isolation, cross-module events, document/report outputs, automated testing, and deployment orchestration.

Operation & Maintenance Platform **React** · **Material UI** · **React Hook Form** · **Yup**

Operations platform for planning, tracking, and executing maintenance work across different asset types.

- Built reusable MUI components and schema-driven forms so maintenance workflows could share the same UI patterns while still supporting different field structures and rules.
- Delivered bilingual Arabic/English layouts, searchable tables, secure file uploads, role-protected routes, and reusable data-access hooks.

Municipality Platform **React** · **ASP.NET Core** · **EF Core** · **SOAP/WCF**

Built PWA and API features, integrated legacy SOAP/WCF services, implemented JWT-authenticated flows, and helped deploy the application.

Land Settlement Archiving **Python** · **JavaFX** · **Excel/PDF processing**

Built Python data-cleaning/extraction scripts and small JavaFX desktop tools for PDF auditing, merging, and archiving workflows.

SKILLS

Core: C#, JavaScript/TypeScript, SQL, Java, Python

Web: React, ASP.NET Core, EF Core, Tailwind CSS, Material UI, HTMX

Mobile: Flutter, React Native, Android (Java), Firebase

Data & tools: PostgreSQL, SQL Server, MySQL, Docker, Git/GitHub, Linux, GitHub Actions

REFERENCES

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