

Emam Mounqer

Software Developer

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Summary

Full-stack software developer with 2+ years of experience building IoT and web applications using modern technologies like React, .NET Core, and Docker. With a focus on clean code, performance, and scalability.

Work Experience

Full Stack Developer

Jan 2025 - current

Smart Eye

Built and maintained a full-stack enterprise IoT water management platform using React (TypeScript) and .NET Core. Delivered real-time device monitoring, secure control, customizable dashboards, and automated alerts through efficient, scalable backend APIs and robust frontend UI.

- Developed an end-to-end IoT platform with React frontend and .NET Core APIs, supporting real-time monitoring and control of connected devices.
- Integrated SignalR and MQTT for seamless two-way communication.
- Delivered customizable dashboards, automated alerting, and custom reporting (PDF/Excel).
- Improved dashboard performance, localization (Arabic/English), and UI/UX for data visualization.
- Ensured system reliability with Playwright E2E tests and integration tests using Testcontainers.

Technologies: React, TypeScript, .NET Core, SQL Server, MongoDB, Docker, SignalR, MQTT, REST API, Entity Framework Core, Playwright

Full Stack Developer

Nov 2023 - Dec 2024

Kafana Tech

Worked on a secure financial system, improving backend services and legacy applications. Designed custom tools for transaction decoding and server operation monitoring.

- Maintained and enhanced legacy .NET Framework WebForms applications for financial services.
- Developed .NET Core REST APIs for secure banking transactions.
- Built a custom message decoder like ISO 8583 for financial transaction parsing and validation.
- Created and optimized SQL Server stored procedures and integrated them using Dapper.

Technologies: .NET Core, .NET Framework, C#, Redis, RabbitMQ, WebForms, SQL Server, React

Education

Advanced Software Development in Full-Stack

Jan 2023 - Aug 2023

LTUC - Abdul Aziz Al Ghurair School of Advanced Computing

Followed Code Fellows curriculum.

Bachelor of Civil Engineering

Jul 2013 - Feb 2018

Jordan University of Science and Technology

Cumulative GPA: 3.71/4.0

Additional

Skills

JavaScript, TypeScript, C#, SQL, HTML5, CSS3, Node.js, ExpressJs, NestJs, .NET, React, SOLID principle, Next.js, Git, GitHub, VS Code, PostgreSQL, Webpack, Figma, Docker, OOB.