

YOUSSEF HIKAL

SOFTWARE DEVELOPER

+46 76 008 62 67 · yousefhikal@gmail.com · Linköping, Sweden

[LinkedIn](#) · [GitHub](#) · [Portfolio](#)

PROFILE

Software developer working across .NET and JavaScript, currently building and modernising Focalcube — a cloud eQMS for medical device companies — at Medos AB. Day to day I write server-side logic and REST APIs in C# and .NET Core, model and tune relational data in SQL Server, and ship front-end features in React, alongside migrating core components off legacy ASP.NET. I also build the Focalcube mobile app for Android and iOS in Flutter and Dart, and automate UI and end-to-end regression testing with Selenium. Earlier work in Node.js, TypeScript and Rust gives me a second stack to draw on. Before moving into engineering I spent nine years in banking, latterly in service quality, which is where the habits came from: asking about requirements early, and explaining technical trade-offs to people who don't write code.

PROFESSIONAL EXPERIENCE

Medos AB

Software Developer

Sep 2025 – present

Linköping, Sweden

- Full-stack feature development on Focalcube, Medos' cloud eQMS for medical device operations, using C#, .NET and React.
- Build server-side logic and REST APIs in C#; manage complex data structures and tune querying and database performance in SQL Server.
- Lead modernisation work migrating core components from legacy ASP.NET / .NET Framework to .NET Core 9 and current React standards.
- Automate UI and end-to-end testing with Selenium, turning manual regression checks on delivered web features into repeatable suites.
- Build the Focalcube mobile application for Android and iOS in Flutter and Dart, from a single shared codebase.

Flower Work

Backend Developer (Internship)

Nov 2024 – Apr 2025

Remote

- Built and extended backend services in Node.js, prototyping Rust integration for performance-critical paths.
- Collaborated with cross-functional teams on blockchain-based solutions for early-stage startups.

Dukhan Bank

Service Quality Representative

Jun 2020 – Mar 2024

Doha, Qatar

- Monitored and evaluated service quality in a regulated banking environment, working across teams on process improvement. Lean Six Sigma Green Belt.

Barwa Bank

Personal Banking Officer

Apr 2015 – May 2020

Doha, Qatar

SKILLS

Languages: C#, Dart, TypeScript, JavaScript, SQL, Rust

Backend: .NET / .NET Core 9, ASP.NET Core, Entity Framework, microservices, REST API design, Node.js, Express

Frontend: React, Next.js, HTML, CSS, Tailwind, Bootstrap, jQuery

Mobile: Flutter, Dart — Android and iOS

Testing & QA: Selenium (UI / end-to-end automation), unit, widget and golden tests, Jest, TDD, static analysis

Databases: SQL Server, PostgreSQL, MongoDB, Redis, SQLite

Cloud & DevOps: Azure, AWS, Docker, Docker Compose, Kubernetes, Git / GitHub, CI/CD

Practices: Agile / Scrum, SOLID, code review, technical documentation, Lean Six Sigma Green Belt

Languages spoken: Arabic (C2), English (C2), Swedish (B1)

EDUCATION & COURSES

Lexicon IT-utbildning

.NET Fullstack Developer

Mar 2025 – Sep 2025

Sweden

C# and OOP, software testing, TDD, Scrum, frontend (HTML, CSS, Bootstrap, JavaScript, jQuery), SQL databases, ASP.NET, .NET Core MVC, Entity Framework, advanced .NET Core, Azure services, Azure Storage & Tables, Azure AI services.

Alexandria University

Bachelor of Commerce

2011 – 2015

Alexandria, Egypt

SELECTED PROJECTS

- **CHIP-8 Emulator** — CHIP-8 virtual machine emulator written from the specification in C# on .NET 9. One shared CPU core drives two front ends: an OpenGL desktop build with OpenTK, and a browser build auto-deployed to GitHub Pages. Playable online.
- **Mazad** — Microservice auction platform — ASP.NET Core services behind an API gateway with message-bus communication, a Next.js front end, and the whole stack orchestrated through Docker Compose. C#, .NET, Next.js, Docker.
- **Scandic Cabins** [Booking site](#) [Admin dashboard](#) — Cabin booking product built as two deployed applications against one Supabase/PostgreSQL database. Next.js, React, React Query, Tailwind.