HAMAD ALASLANI

+966 56 945 8564
hamadsmma@gmail.com
Jeddah, Saudi Arabia (Open to relocate)
Portfolio
Github
Linkedin

SUMMARY

Full-Stack Developer specializing in C#, ASP.NET Core, React, and TypeScript, with hands-on experience building REST APIs, implementing authentication, and developing database-backed applications. Previously worked as a Technical Project Manager, collaborating with backend engineers on API specifications, system architecture, and software delivery.

TECHNICAL SKILLS

Frontend
React · TypeScript · JavaScript · HTML · CSS

Backend
C# · ASP.NET Core · EF Core · PostgreSQL · REST APIs

Authentication
JWT Bearer · OAuth 2.0 & OIDC · Keycloak

Tools & Testing
xUnit · Integration Testing · Git · Docker · Postman · GitHub Actions · Claude · ChatGPT

PROJECTS

Personal Expense Tracker 08/2026 – 10/2026
C# · ASP.NET Core · EF Core · PostgreSQL · React · TypeScript · REST APIs · Keycloak (OIDC/JWT) · xUnit · Testcontainers · Docker · GitHub Actions

- Developed a full-stack expense tracking application using **ASP.NET Core Web API, React, TypeScript, and PostgreSQL**, supporting expense management, advanced filtering, and spending analytics.
- Designed a **layered .NET backend** with RESTful APIs, Entity Framework Core, DTOs, validation, and server-side filtering, sorting, and pagination.
- Implemented secure **authentication and authorization** using Keycloak, OpenID Connect, and JWT bearer tokens, enforcing user-level data isolation.
- Built an interactive **React dashboard** with spending summaries, category breakdowns, and time-series visualizations using Recharts and TanStack Query.
- Developed **unit and integration tests** using xUnit, Testcontainers, Vitest, and React Testing Library, covering API functionality, authorization, and validation.
- Containerized the application using **Docker Compose** and configured **GitHub Actions CI/CD** for automated builds, testing, and image publishing.

Stealth Particles 03/2026 – 05/2026
Unity · C# · Design Patterns · AI

- Built enemy AI using a finite-state machine with NavMesh-based navigation and runtime vision detection.
- Applied State and Template Method design patterns to structure reusable power-up systems.
- Implemented an event-driven architecture using a publish/subscribe event pattern to decouple gameplay systems.

PROFESSIONAL EXPERIENCE

Technical Project Manager - FIN360 2022 – 2024
REST API design · Technical specification · Backend collaboration · Delivery cycles Jeddah, Saudi Arabia

- Specified 30+ REST endpoints end-to-end with request/response schemas, error taxonomies, and edge cases, producing implementation-ready API contracts.
- Partnered with backend engineers across 8+ sprint cycles, translating business requirements into structured technical briefs with defined API behaviors, validation rules, and dependency maps.
- Designed system architecture diagrams for authentication flows, inter-service pipelines, and third-party integrations, used as onboarding material for incoming backend engineers.

EDUCATION

Tuwaiq Academy 2025 – 2026
Immersive Software Development Program — full-stack ASP.NET Core with REST API design, relational data modeling, and authentication Riyadh, Saudi Arabia

Kennesaw State University 2015 – 2020
B.S. Electrical Engineering — with coursework in C/C++ programming, embedded systems, microcontrollers, digital logic design, and assembly language Marietta, United States

LANGUAGES

Arabic — Native

English — Fluent

CERTIFICATIONS

Earned as part of Tuwaiq Academy's Immersive Software Development Program | **All valid from 2025 to 2028** |
(CompTIA Cloud+) | (CompTIA Network+) | (CompTIA Security+) | (CompTIA Server+) | (PeopleCert ITIL)