



# Mohanad Al-Daghestani



Partille, Sweden



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## SUMMARY

Self-motivated and technically skilled .NET Developer with a background in structural engineering and a strong focus on modern software development. I build scalable and testable applications using Clean Architecture, CQRS, and DevOps practices. With hands-on experience across backend and frontend technologies, I'm passionate about clean code, solving complex problems, and delivering value-driven software solutions. Currently deepening my skills through fullstack projects and an internship at Go.Do. AB.

## TECHNICAL PROJECTS

2026/01 - present **PluggKompis** - Collaborative Academic Platform

- Built a fullstack web platform that connects parents, students, volunteers, and libraries/youth centers to organize and access free homework help across Sweden
- Designed user roles with tailored functionality: parents/students can book help sessions, venues manage schedules and volunteers, and volunteers track hours
- Implemented core features: JWT authentication, role-based access, booking system, PDF export and dashboard with coverage analytics
- Backend: .NET 8, Clean Architecture, CQRS (MediatR), Entity Framework Core, Azure SQL, QuestPDF
- Frontend: React, TypeScript, TanStack Query, TailwindCSS
- Contributed to architecture, domain modeling, booking logic, volunteer scheduling, and CI/CD pipelines

2025/06 - 2025/07 **FridgePal**, InFiNetCode - Hackathon

- Developed a mobile app to help reduce food waste by tracking fridge/freezer items
- Integrated AI-based image recognition and OCR for identifying products and expiration dates
- Backend architecture based on Clean Architecture, MediatR (CQRS), DTOs, and FluentValidation
- Stored data in Azure SQL and ensured modularity, scalability, and testability
- Led API design and implemented business logic and validation layers

## PROFESSIONAL EXPERIENCE

2025/09 - 2025/11 **Software Developer Intern**, Go.Do. AB

- Built modular backend APIs using .NET, Clean Architecture, CQRS with pipeline behaviors, and EF Core
- Contributed to frontend development with React 18, TypeScript, TailwindCSS, and TanStack Query
- Implemented form validation using Zod and React Hook Form
- Maintained API documentation using Swagger and applied secure authentication mechanisms
- Delivered scalable and maintainable features across the stack following best practices

2022/06 - 2024/02 **Civil Engineer** | Dala Trähus, Ljungskile

- Created technical documentation for construction projects
- Coordinated with suppliers, contractors, and clients to ensure smooth delivery
- Maintained internal IT systems, including server, VPN, and Excel-based calculation tools

2022/01 - 2022/06 **Freelance Architect & Business Owner**, Partille

2020/11 - 2022/05 **Architectural Civil Engineer | Volunteer Work**, EWB, Gothenburg

## EDUCATION

2024/09 - 2026/06 **.NET Software Developer**, NBI-Handelsakademin, Gothenburg

2013/09 - 2020/10 **Architectural Civil Engineer | House building**, Luleå University of Technology, Luleå

## CORE SKILLS

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**Backend & APIs:** C#, .NET, ASP.NET Core, Entity Framework Core, REST APIs, Identity, CQRS (MediatR), Clean Architecture, Repository Pattern

**Frontend & UI:** React.js, React 18, TypeScript, Angular, Vite, TailwindCSS, React Query, Axios, Zod, React Hook Form

**Infrastructure & DevOps:** Azure, Docker, GitHub Actions, Swagger, Postman, JWT Authentication, CI/CD pipelines

**Database:** SQL Server, PostgreSQL, SQLite, MongoDB

**Development Principles:** Clean Code, TDD, SOLID, Agile/Scrum, API-first development, separation of concerns

## LANGUAGE

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Swedish – Native proficiency

English – Fluent

## DRIVING LICENCE

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## REFERENCES

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References available upon request.