

BM

Barak Mozes

FULL-STACK SOFTWARE ENGINEER

VIEW MY PROJECTS

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// 00 - PROFILE

Summary

Full-Stack Software Engineer with strong backend orientation and hands-on experience building and deploying production SaaS systems. Skilled in Java, C#, TypeScript, and modern web frameworks with proven results across 8+ projects — including secure payment integration, role-based authentication, real-time data processing, and scalable cloud infrastructure.

// 01 - SKILLS

Technical Skills

LANGUAGES

Java, C#, JavaScript, TypeScript, Python

FRONTEND

React, Next.js 14, HTML5, CSS3, TailwindCSS, Figma

BACKEND

Node.js, ASP.NET Core, FastAPI, Apollo Server (GraphQL)

DATABASES

PostgreSQL, MongoDB, Redis, Supabase, Prisma ORM

AUTH & SECURITY

Auth.js (Next-Auth), JWT, Cyber Security Principles

CLOUD & DEVOPS

Vercel, AWS, Docker, CI/CD Pipelines, Linux/Unix

CS FOUNDATIONS

Data Structures, Algorithms, OOP, Networking, Operating Systems

// 02 - EXPERIENCE

Project Experience

StarManag — SaaS Restaurant Management System

2024-2025

FULL-STACK DEVELOPER

- // Designed and developed an end-to-end cloud-based restaurant management system serving real users in production.
- // Built scalable Full-Stack architecture with Next.js, GraphQL (Apollo Server), and Prisma ORM, improving development velocity by 35%.
- // Developed type-safe backend APIs and business logic, reducing runtime errors by 40% and improving data integrity.
- // Integrated secure online payments via PayPlus API, reducing transaction failures by 20%.
- // Implemented role-based authentication (5 roles) and authorization using Auth.js with JWT strategy.
- // Deployed production system on Vercel with CI/CD pipelines achieving 99.9% uptime.

FrontDesk Flow — Smart Hotel Management System

2023

FULL-STACK DEVELOPER

- // Built a real-time hotel operations dashboard for managing check-ins, room assignments, and guest services.
- // Implemented responsive UI with dynamic room status tracking and staff workflow automation.

// 03 - EDUCATION

Education

Practical Software Engineer (HND)

2022-2025

ORT Colleges, Israel

Software Engineering, Algorithms, Databases, Networking, OS, Cyber Security

LANGUAGES

Hebrew — Native | English — Full Professional

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2025