



# Acar Kaan Senel

## Backend / Full-Stack Software Engineer

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### SUMMARY

Full-Stack .NET Software Engineer with 3 years of experience building and deploying scalable web applications and enterprise systems using C#, ASP.NET Core, React and PostgreSQL on AWS and Azure. Experienced in Clean Architecture, microservices, serverless workflows, Docker and CI/CD pipelines. Delivered ERP/ITSM integrations and automated identity provisioning for 2,000+ users across enterprise clients. Agile practitioner. MS in Computer Science at Istanbul Technical University (in progress)

### EDUCATION

#### Istanbul Technical University

MS in Computer Science

Istanbul, Turkey

Sep 2025 - Present

- Focus: Parallel & Distributed Systems, VM Optimization. Coursework: Graph Theory, Theory of Computation, Machine Learning.

#### Bahçeşehir University

BS in Software Engineering

Istanbul, Turkey

Sep 2021 - June 2025

- Capstone: Automated driver scheduling platform optimizing assignments for 1,000+ drivers across 80 routes using C#/.NET MVC, PostgreSQL and Python with Gurobi MILP solver.

#### 42 Istanbul, Intensive Software Engineering Program

Istanbul, Turkey

Sep 2023 - June 2025

- C, C++, Linux, Shell and Kernel projects; OOP, SOLID, Design Patterns.

### WORK EXPERIENCE

#### Software Engineer

Masraff

Istanbul, Turkey

June 2024 - Present

- **Logo - SAP ERP Integrations:** Architected modular ERP integration adapters (Logo, SAP) processing 10,000+ financial transactions daily via REST/SOAP APIs and Entity Framework Core, enabling real-time master data synchronization with 99.9% accuracy for enterprise clients including Mavi, Sahibinden and Alotech. Reduced client onboarding time for new ERP connections from weeks to days
- **Identity Sync Pipeline (ERP to Azure AD):** Designed and deployed a serverless identity provisioning pipeline on AWS Lambda using SCIM and Microsoft Graph, fully automating onboarding and offboarding for 2,000+ enterprise identities across Azure AD. Eliminated a manual process that previously required 2-3 full-time days of IT effort per client, reducing provisioning to under 5 minutes with zero human intervention.
- **Enterprise API & Frontend Platform:** Developed and maintained a full-stack enterprise platform (.NET 8 Web API, ASP.NET Core, React, PostgreSQL) serving 130,000+ active users across Turkey's leading enterprises. Implemented role-based JWT authentication, optimized API response times to sub-200ms under peak load, and established automated CI/CD via Azure DevOps enabling 5+ production deployments per week.

#### Software Engineer

Han Spaces

Istanbul, Turkey

May 2023 - May 2024

- Built three internal business platforms from scratch: a Contract & Invoice hub automating end-to-end processing for thousands of documents monthly (cutting finance workload by ~70%), a sales CRM replacing spreadsheet tracking for an 8-person team (reducing follow-up delays by ~50%), and an SLA-driven ticketing system replacing email-based workflows (handling 50+ tickets weekly with ~35% faster resolution times)

### SKILLS

- Languages: C#, Java, Python, C++, C, JavaScript/TypeScript, Bash/Shell, SQL
- Database & Data: PostgreSQL, MySQL, MongoDB, Redis, Kafka, RabbitMQ
- Frameworks & Web: .NET 8, ASP.NET Core, Entity Framework Core, LINQ, Next.js, React, React Native, REST API, SOAP, GraphQL, Swagger/OpenAPI, JWT, OAuth, SCIM, Microsoft Graph, Node.js
- Cloud & DevOps: AWS, Azure, Docker, Kubernetes, Git, GitHub Actions, CI/CD
- Architecture & Methodologies: Clean Architecture, Microservices, Serverless, CQRS, MediatR, DDD, SOLID, Dependency Injection, Agile/Scrum
- Testing: xUnit, NUnit, Moq, Integration Testing, TDD

### Languages

English (C1) | Turkish (Native)

### PROJECTS

#### Gurmapp

- Full-stack restaurant discovery platform built with React Native, C#/.NET 8, React and PostgreSQL. Intelligent recommendation engine powered by Google Places API with real-time search and reservation management. Deployed with Docker and GitHub Actions CI/CD.