

BURAK KALAFAT

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PROFESSIONAL SUMMARY

Senior Software Engineer (Backend, .NET) with 12+ years of experience specializing in large-scale legacy modernization, clean architecture, and high-performance backend systems within the financial sector. Proven technical leader adept at mentoring teams, conducting code reviews, and driving architectural decisions.

GitHub Copilot Enterprise champion with specialized expertise in AI-assisted development, delivering organization-wide training and achieving 6-8× acceleration on large-scale legacy modernization projects within 3 months. Expert in Spec-Driven Development (SDD) and prompt engineering for enterprise-scale modernization.

TECHNICAL SKILLS

C# and .NET Core, Clean Architecture, GitHub Copilot Enterprise, Microservices, REST APIs, Azure DevOps, MSSQL, Oracle, EF Core, Java Spring Boot, TypeScript, JavaScript

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Backend, .NET)

Innovance, Istanbul (Remote) | May 2024 - Present

- Akbank: Led large-scale legacy COBOL modernization to modern .NET/Java backend services, achieving 6-8× faster delivery (3-4 weeks vs 7-8 months)
- Mastered GitHub Copilot Enterprise as Prompt Engineer, implementing hallucination-free, spec-driven workflows using Agent and custom modes
- Eliminated technical debt using Spec-Driven Development (SDD), ensuring zero scope drift across end-to-end delivery cycles
- Türkiye Finans: Developed internet & mobile banking back-ends with MVC, WCF, and MSSQL

Senior Software Engineer (Backend, .NET)

InsightSoftware, North Carolina (Remote) | September 2022 - April 2024

- Architected and implemented backend-heavy features using C# and .NET Core in international remote-first team
- Delivered scalable, maintainable solutions following Clean Architecture principles
- Contributed to high-performance financial software serving enterprise clients

Senior Software Engineer (Backend, .NET)

OBSS, Istanbul | September 2017 - September 2022

- Halkbank: Upgraded Mobile Domain from legacy .NET to Clean Architecture with .NET Core, implementing REST APIs and EF Core/MSSQL on Azure DevOps
- Akbank: Led Payment System campaign as Full-Stack Developer using TypeScript, Knockout.js, C#, Java Spring on Oracle 12c
- Türkiye Finans Bank: Developed corporate customer solutions with WinForms and WCF services

Senior Software Engineer (Backend, .NET)

TUBITAK, Kocaeli | January 2017 - September 2017

- Developed high-security Java application writing EAC SAC data to smart card passport chips using APDU protocol
- Contributed to secure government identification systems with biometric authentication

Senior Software Engineer (Backend, .NET)

VakıfBank, Istanbul, Turkey | August 2013 - February 2017

- Transformed legacy systems to service-oriented architecture for CRM and Collections teams, improving maintainability and scalability
- Implemented MVVM pattern with WPF and WCF services on Oracle 11g/PL SQL platform

.NET Developer (Part-Time)

VeriPark, Izmir, Turkey | December 2012 - June 2013

- Developed custom ASP.NET widgets for Turkcell SharePoint environment while completing Computer Engineering degree

EDUCATION

Bachelor of Science in Computer Engineering

Ege University, Izmir, Turkey | September 2008 - June 2013

CERTIFICATIONS

- Introduction to GitHub Copilot - Microsoft Learn (2024)
- Build Microservices with .NET and Amazon Web Services - Udemy (2024)
- React Nanodegree Program - Udacity (2020)

LANGUAGES

Turkish (Native), English (Professional)