

BURAK KALAFAT

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PROFESSIONAL SUMMARY

Expert Software Engineer 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 a **60,000-line COBOL-to-microservices migration** 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

Expert .NET Developer

Innovance, Istanbul (Remote) | May 2024 - Present

- Akbank: Modernized 60,000-line COBOL merchant-payment system to .NET/Java microservices, 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 with Ask/Edit 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 .NET Developer

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 .NET Developer

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

Java Developer

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

.NET Developer

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

Part-Time .NET Developer

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)