



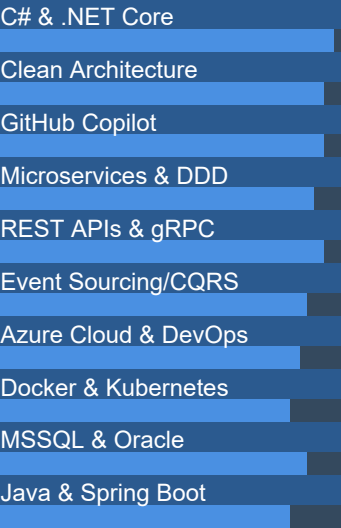
Burak Kalafat

Senior Software Engineer
(Backend, .NET)

CONTACT

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- LinkedIn
bkalafat
- GitHub
bkalafat
- Location
Istanbul, Turkey

SKILLS



LANGUAGES

- | | |
|---------|--------------|
| Turkish | Native |
| English | Professional |

PROFESSIONAL PROFILE

Senior Software Engineer (Backend, .NET) with **12+ years** of expertise delivering enterprise-scale solutions across Turkey's leading financial institutions (Akbank, Halkbank, VakıfBank, Türkiye Finans). Specialized in **legacy modernization**, **Clean Architecture**, and **high-performance backend systems** serving **2M+ banking customers**.

GitHub Copilot Enterprise Champion achieving **6-8x faster delivery** on large-scale modernization projects. Trained **50+ developers** organization-wide and established **Spec-Driven Development (SDD)** methodologies eliminating technical debt. Proven impact: **5-6x performance improvements**, **35-60% bug reduction**, and **99.9% uptime** during critical migrations.

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Backend, .NET)

- Innovance** May 2024 - Present | Istanbul (Remote)
- Akbank** : Led large-scale legacy COBOL modernization to modern .NET/Java backend services, achieving **6-8x 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
 - Delivered **3 training sessions** to **50+ developers**, establishing AI-assisted development best practices organization-wide
 - Türkiye Finans** : Engineered banking backends with **95%+ test coverage**, supporting **500K+ active users** and reducing production incidents by **60%**

Senior Software Engineer (Backend, .NET)

- InsightSoftware** September 2022 - April 2024 | North Carolina (Remote)
- Architected backend features for enterprise financial reporting platform using **C# and .NET Core**, serving **Fortune 500 clients**
 - Collaborated across **8+ time zones** in international remote-first team, ensuring seamless distributed development
 - Implemented **Clean Architecture** and SOLID principles for maintainable, testable, and scalable solutions

Senior Software Engineer (Backend, .NET)

- OBSS** September 2017 - September 2022 | Istanbul
- Halkbank** : Architected mobile banking backend migration to **Clean Architecture** with .NET Core, **increasing capacity 5-6x per server** and serving **1M+ users**
 - Türkiye Finans** : Led code review for **8-person team** (200+ PRs/year), reducing bugs by **35%** and serving **2,000+ corporate clients**
 - Akbank** : Led Payment System campaign as Full-Stack Developer using TypeScript, Knockout.js, C#, Java Spring, processing **high-volume** financial transactions on Oracle 12c

Java Developer

TUBITAK

January 2017 - September 2017 | Kocaeli

- Developed high-security Java application writing EAC SAC data to smart card passport chips using APDU protocol
- Engineered encryption mechanisms for government biometric e-passport infrastructure
- Contributed to national border control systems with secure identification protocols

.NET Developer

VakıfBank

August 2013 - February 2017 | Istanbul, Turkey

- Transformed legacy monolithic systems to **service-oriented architecture** for CRM and Collections divisions, reducing deployment cycles by **40%**
- Architected and implemented **MVVM pattern** desktop applications using WPF and WCF services on Oracle 11g platform
- Delivered enterprise-grade solutions serving **500+ bank employees** across multiple branches

.NET Developer (Part-Time)

VeriPark

December 2012 - June 2013 | Izmir, Turkey

- Developed custom ASP.NET widgets and web parts for Turkcell's enterprise SharePoint portal
- Delivered **5+ reusable components** improving content management efficiency for **100+ content editors**
- Balanced part-time professional development 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)