BAYRAM İNKAYA

Full-Stack Software Engineer

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PROFILE SUMMARY

Full-Stack .NET Engineer with a proven track record of designing and delivering secure, high-performance web applications using C#, ASP.NET Core, SQL Server, and React. Highly skilled in RESTful API architecture, database design/optimization, and improving availability and performance for production systems. Specialized in Clean Architecture, CI/CD practices, and delivering maintainable solutions within Agile/Scrum teams. Forward-thinking developer with hands-on experience in AI-assisted workflow automation and API-based integrations, focused on building reliable, production-grade software.

TECHNICAL SKILLS

Languages & Core: C#, SQL (T-SQL), JavaScript (ES6+), Python, Java, HTML5, CSS3 (Sass)

Backend (.NET) & Architecture: .NET (Core/Framework), ASP.NET Core, ASP.NET MVC, Web API (REST), Entity Framework Core, LINQ; Clean Architecture, N-Tier (Layered) Architecture, SOLID, Dependency Injection

Security & Identity: Authentication/Authorization, JWT, ASP.NET Identity; OWASP awareness

Frontend & UI Engineering: React.js, Redux, jQuery, Tailwind CSS, Bootstrap 5; responsive/mobile-first UI, modular UI

AI & Automation: API-based AI/LLM integrations; multilingual automation pipelines; prompt engineering

Cloud, DevOps & High-Scale: Cloudflare CDN Optimization, R2 Object Storage (S3-compatible), high-traffic delivery considerations; Azure DevOps (TFS), Docker, CI/CD Pipelines, GitFlow

Engineering Practices: Agile/Scrum, SDLC, code reviews, technical documentation, unit testing awareness

WORK EXPERIENCE

NATIONAL DEFENSE UNIVERSITY (MSÜ)   **2024 - 2025**

Computer Engineer / IT Systems & Simulation Support, Istanbul

Managed Active Directory operations (accounts, credentials, access controls) for secure access at scale. Provided hardware/software troubleshooting and supported online education platforms for daily training workflows. Delivered IT support in a multinational environment (Foreign Languages Department), coordinating technical needs across teams. Supported NATO-backed JTLS-GO exercises (Apr–Jul 2025) and earned the MJWC CAX Specialist Certification (May 2025), aligned with NATO CAX standards.

PRIVATE COMPANY   **2022 - 2024**

Full-Stack .NET Developer (Cybersecurity), Istanbul

Architected and maintained an enterprise vulnerability management & orchestration platform for large-scale environments (asset discovery, automated scanning, risk prioritization). Built an API-driven orchestration layer to centrally schedule and manage 15+ security scanners, normalizing results through a single interface. Delivered full-stack capabilities with React dashboards and ASP.NET MVC (C#) services on SQL-backed data flows, including hierarchical organization views for complex structures. Implemented ticketing workflows (SLA/notifications, status sync with Jira/ServiceNow-style systems) and reporting/analytics exports (PDF/HTML/CSV); supported releases via Azure DevOps (TFS), Docker, and CI/CD in Agile/Scrum teams.

BLACKKITE   **2022**

Intern, Istanbul

Engineered a data-centric .NET Core application integrating the Blackkite API to retrieve and process security-related data reliably. Improved usability and performance for large datasets through server-side pagination and efficient request handling within an Agile/Scrum team.

MODSOFT   **2021**

Intern, Balıkesir

Developed reusable front-end and back-end components for digitask.app using ASP.NET MVC, improving maintainability and scalability. Collaborated with senior developers in an Agile workflow to deliver features and refine task-management flows. Contributed to code quality and stability through Clean Code practices and active participation in debugging.

CERTIFICATIONS & TRAINING

M&Y YAZILIM EĞİTİM AKADEMİ DANIŞMANLIK   **2025 - Present**

Full-Stack .NET Core Development Program (Ongoing)*, Istanbul*

Continuing a structured, project-based Full-Stack .NET program focused on building production-oriented applications end-to-end. Track includes ASP.NET Core, SQL Server/PostgreSQL, Identity & JWT, CQRS + MediatR, Onion Architecture, SignalR, Microservices (Redis, RabbitMQ, Ocelot), ElasticSearch, and API/tooling practices.

Selected Courses (2025): ASP.NET MVC5 Admin Panel Dynamic CV Site (Udemy) • C# 25 Practical Projects (Udemy) • SQL Database Programming (Udemy) • C# A–Z Training Set (Udemy) • JTLS-GO CAX Specialist Course (MJWC)

EDUCATION

Trakya University – Edirne   **2018-2022**

B.Sc. in Computer Engineering | GPA: 3.20 / 4.00

LANGUAGES

English – B2 (Upper Intermediate, Professional Working Proficiency)

Turkish – Native

German – A1 (Beginner)

PROJECTS

Founder & Infrastructure Architect | High-Scale Community Ecosystem

Founded and currently managing a massive-scale web ecosystem (XenFero & WordPress) reaching **~1.5B monthly impressions**. Architected a high-concurrency infrastructure leveraging **Redis for distributed caching**, **Cloudflare R2** for object storage, and advanced CDN optimization to ensure 99.9% uptime under extreme loads.

Founder & Content Creator | [Financial Historica (YouTube)](#)

Technical lead for a digital platform focused on financial analysis and **AI-integrated technical content**.

Implemented **AI-assisted automation workflows** for content production, streamlining technical communication, and digital growth.

Full-Stack CDN Management Engine

Engineered a management dashboard using **React and .NET** to orchestrate CDN configurations and monitor real-time performance.