

BURAK BERK

Software Developer

Junior Software Developer with a background in Statistics, specializing in desktop application development with .NET (C#) and relational database management (SQL Server, EF Core). Experienced in event-driven systems and technical data modeling.



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HATAY / TURKIYE

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EDUCATION

Kırıkkale University
2024-2028

Bachelor of Science in Statistics

Relevant Coursework: Probability Theory, Mathematical Statistics, Linear Algebra, Statistical Computing (R, MATLAB, Python, C++, SPSS), Numerical Methods.

PROJECTS / WORK EXPERIENCE

2026

Airline Operation DB Internship | .NET, MSSQL, DevExpress, EF Core

- Airline Fleet & Maintenance Management/Reporting System
- Built a relational database management system to track aircraft logs, fleet operations, and scheduled maintenance.
- Implemented CRUD workflows and automated maintenance reporting using DevExpress WinForms controls and EF Core.

2025

Item Shop & GUI Mod | Java, Minecraft Forge API, Gradle

- Developed an in-game economy mod with custom GUI interfaces and server-side trading logic.
- Implemented client-server networking using custom network packets to handle secure, latency-free transactions.

2025

Flight Telemetry & Physics Mod | Java, Minecraft Forge API

- Programmed custom flight dynamics utilizing vector-based acceleration and aerodynamic drag calculations.
- Designed dynamic keybinding listeners and real-time HUD telemetry overlays to display flight metrics.

SKILLS

Languages

- C#, Java, SQL, R, Python

Frameworks & Libraries

- .NET (.NET Core / Framework)
- Entity Framework Core
- WinForms, WPF, DevExpress
- Minecraft Forge API

Databases & Tools

- .NET (.NET Core / Framework)
- Entity Framework Core
- WinForms, WPF, DevExpress
- Minecraft Forge API

Core Competencies

- Relational Database Design
- Event-Driven Architecture
- Statistical Data Analysis

Design & 3D

- Photoshop, Blender, Figma



MY PORTFOLIO: github.com/BurkiRK

www.burakberk.com

LANGUAGES

Turkish - Native

English - Fluent