

# Mustafa Ata Yıkılmaz

SOFTWARE ENGINEER

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## Experience

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**Eczacıbaşı Evital | Jr. Software Engineer**

**Oct 2024 – Present**

- Implemented a custom declarative cache invalidation system using .NET Core that automatically invalidates cached entities and their dependents when underlying state changes.
- Developed a custom BI tool utilizing large language models, retrieval-augmented generation (RAG), generative AI, for providing insights from system logs.

**Eldor Corporation | Software Engineering Intern**

**Jul 2024 – Aug 2024**

- Developed a comprehensive meeting room reservation system for Eldor Corporation and Niso.
- Implemented features to improve meeting room utilization, prevent scheduling conflicts, and increase employee productivity.
- Created an automated email reminder system to boost meeting attendance.
- Utilized Next.js, .NET Core, EF Core, React.js, and PostgreSQL to build the system.

**API Technology | Part-Time Software Engineer**

**May 2024 – Jun 2024**

- Worked on digital signage software utilizing .NET Core, MongoDB, and MVC architecture.
- Developed an attendance tracking and room scheduling system for a major banking client.

**Fink Telecom Services GmbH | Software Engineering Intern**

**Jun 2023 – Sept 2023**

- Developed web applications using Next.js and .NET Core.
- Worked on SMS service management platform using .NET Core.

## Projects

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FightCaller | **Application for Real-Time Fight Alarms**

- Developed backend for real-time UFC fight alarms using .NET Core and PostgreSQL.
- Automated fight and event data collection through web scraping of UFC schedules.
- Serves over 4,000 active users with 5,000+ alarms delivered weekly.
- Ensured reliability during high-traffic fight events.

AutoBlue | **Automatic Bluetooth Disconnection for macOS**

- Created a custom macOS sleep hook to automatically disable Bluetooth on sleep.
- Helped improve battery conservation and prevent unwanted Bluetooth connections.
- Available via Homebrew for easy installation.

Derma Beauty Center – **Web App for a Beauty Clinic**

- Developed a modern, responsive beauty clinic's web app with appointment scheduling, automated email notifications, and admin dashboard, processing 500+ appointments monthly.
- Implemented secure user authentication and real-time booking with email confirmations.

## Education

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**Izmir Bakırçay University, B.S. in Computer Engineering**

**Sept 2021 – Jul 2025**

Major: Computer Engineering | GPA: 3.29