# BURAKCAN AKSOY

## COMPUTER ENGINEER

## CONTACT

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### PROGRAMMING LANGUAGES

- C#
- Java
- Python

### DATABASES

- PostgreSQL
- SQLite
- Microsoft SQL Server
- MongoDB

### SKILLS

- Spring Boot
- Django
- Git / Github
- Postman
- Apache Kafka
- Elasticsearch
- Docker

### MY PROJECTS

- **Spring Boot Rent A Car Project**

Developed a layered architecture backend with RESTful APIs, input validation, business logic, and custom exception handling, ensuring scalability and clean code structure.
**GitHub Repository**

- **AI-Powered-Advanced-Medical-Analysis-System**

Developed a learning assistant with Gradio, integrating multiple AI agents for Q&A, quiz generation, and visual creation, supporting PDF/text input and automated educational content generation.
**GitHub Repository**

If you would like to explore my other projects, you can visit my portfolio.

## PROFILE SUMMARY

I am Burakcan Aksoy, a Computer Engineering student specializing in back-end development with a focus on Java and the Spring Boot framework.
I develop scalable and maintainable systems using layered architecture and PostgreSQL as the main database, emphasizing clean code, efficiency, and robust API design.In addition, I have practical experience in machine learning, deep learning, and natural language processing through Python-based projects, and I continually strive to apply modern technologies to real-world applications.

## WORK EXPERIENCE

### Eywa Bilgi Teknolojileri                 04/08/2025 - 29/08/2025

Intern Engineer

Technologies: Java, Spring Boot, PostgreSQL, Microservices, Apache Kafka, Redis (Lock Mechanism), REST API, Docker, Excel Import/Export, Sourcetree, Slack, Custom Query, Custom Annotation

- Completed a 20-day mandatory internship focused on developing service components for a Fleet Rental Management System using Java Spring Boot.
- Implemented CRUD operations, exception handling, and global exception handling mechanisms within a microservices architecture.
- Gained practical experience in the real-world application of microservices, including concurrency control techniques to manage multiple requests on the same endpoint.

### Meşe Bilişim Yazılım Mekatronik Eğitim İthalat İhracat Sanayi ve Ticaret Limited Şirketi                 26/09/2024 - 14/12/2024

Intern Engineer

Technologies: Python, Django, SQLite, REST API, JWT, ThingsBoard, WebSocket, pandas, matplotlib, reportlab, openpyxl

- Developed Python scripts for longitudinal poultry data analysis, tracking livestock metrics and generating statistical reports.
- Built web applications with Django and SQLite, ensuring smooth frontend–backend integration.
- Integrated with ThingsBoard IoT via REST APIs and JWT for automated device management.
- Implemented WebSocket-based real-time dashboards and enabled PDF/Excel reporting.

**GitHub Repository – Meşe Bilişim**

### Acunmedya Akademi                 15/02/2025 - 14/06/2025

Intern Engineer

Internship Experience – C# & .NET

- Developed a multi-layered C# project applying real-world software architecture principles.
- Built a CRUD-based Windows Forms application with Entity Framework, covering data modeling, migrations, and UI design.
- Gained strong experience in OOP, database operations, and clean layered architecture within .NET environments.

## EDUCATION

- **Manisa Celal Bayar University**                 2021 - 2026
  Computer Engineering

- **Darıca Anadolu Lisesi**                 2016 - 2020
  High School Diploma