

Osman Bahadır Avcı

Backend Developer

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👤 Profile

I am a Mathematics Engineering student at Yıldız Technical University with a strong analytical and problem-solving background. While I previously worked in the field of web development, my current focus and interests lie in low-level programming and cybersecurity. I am deepening my knowledge in system-level topics by working with languages like Golang and C, exploring areas such as computer architecture and security. Through my involvement in various technical and leadership roles within the Sky Lab Computer Science Club, I have strengthened both my technical skills and my ability to work effectively in a team.

🎓 Education

Sep 2020 - Jun 2025 **Mathematical Engineering**
Yıldız Technical University

💼 Professional Experience

Jul 2023 - Sep 2023 **BACKEND DEVELOPER INTERNSHIP**
DENKER ELEKTRONIK [🔗](#)
During my internship, I developed a Golang service that automatically synchronizes between two or more databases.

Jun 2025 - Present **Software Engineer Intern**
Softtech [🔗](#)
During my internship at Softtech, I actively contributed to front-end and back-end microservice development processes. I gained experience in microservice architecture, API integrations, and modern web technologies, working on both user interface development and server-side software design.

🧠 Skills




- Java
- Golang
- Back-end Develop
- Linux
- SQL
- Git & Github
- Docker
- Network

🌐 Languages

- English

🏠 Organizations

Dec 2023 - Jun 2024 **SKY LAB Computer Science Club** [🔗](#)
VICE PRESIDENT

May 2023 – Feb 2024	SKY LAB Computer Science Club  <i>HEAD OF R&D</i>
Nov 2022 – Mar 2023	SKY LAB Computer Science Club  <i>UAV TEAM MEMBER</i>
Apr 2022 – May 2023	SKY LAB Computer Science Club  <i>EMBEDDED SYSTEM TEAM MEMBER</i>

Training and Presentation

Git/Github Workshop

Led a training session on Git and GitHub for beginners. Taught basic version control concepts, showed how to use GitHub for collaboration, and guided participants with simple hands-on examples.

Backend Bootcamp (Java/Spring Boot)

Organized and led a bootcamp focused on Java Spring. Taught participants the fundamentals of the framework, including building REST APIs, managing dependencies, and creating real-world applications. Provided hands-on exercises and guided attendees through practical projects.