



# SALİH KARAKAYA

## Computer Engineer

### ABOUT ME

I am a solution-driven software developer with expertise in **Spring Boot, React, and Embedded Systems**. Passionate about **building scalable applications**, optimizing performance, and solving complex problems. Skilled in **backend development, frontend design, and low-level hardware integrations**. I thrive in **team-oriented environments** and always seek to **learn, innovate, and deliver high-quality solutions**.

### EDUCATION

**Gazi University**  
**Computer Engineering**  
2019 – 2025 (Expected Graduation)

### EXPERIENCE

No formal work experience yet, but I have developed several projects:

- **Lunara (Chat App)** – Built with **Spring Boot & React**, real-time chat with **WebSocket & RabbitMQ**.
- **AI Assistant** – Android app with **Speech-to-Text, Firebase**, and **location-based** notifications.
- **Embedded Systems** – Worked with **6502 microprocessor, IoT sensors**, and **low-level programming**.

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### SKILLS

- **Backend Development:** Spring Boot, Node.js
- **Frontend Development:** React, Thymeleaf, JavaScript
- **Database Management:** MySQL, PostgreSQL, Firebase
- **Embedded Systems:** C, Assembly, Arduino, Raspberry Pi
- **Cloud & DevOps:** Docker, RabbitMQ, API Gateway, MQTT
- **Software Architecture:** Microservices, RESTful APIs, Authentication & Security (JWT, OAuth)
- **Real-Time Communication:** WebSocket, WebRTC
- **Problem-Solving:** Algorithm Optimization, Data Structures, System Design
- **Collaboration:** Agile Methodologies, Git, Teamwork & Communication
- **Always eager to learn and improve**

### LANGUAGE

- English

### CERTIFICATIONS

- **Currently learning and improving my skills** in backend development, real-time communication, and embedded systems to become more proficient in my field.