

Ahmet Salih Dağ

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EDUCATION

Gazi University
B.Sc. in Computer Engineering

Graduation year: 2024

PROFESSIONAL EXPERIENCE

Mode Modern Medikal, Ankara, Turkey
Software Engineer

August 2024 - Current

- Contributing to the development of an IoT smart lock system from scratch in a startup environment.
- Developed both embedded software on ESP32 and the mobile application using Flutter.
- Worked on BLE communication, access authorization logic, and system encryption mechanisms.
- Technologies:** ESP32, Flutter, Dart, BLE, JSON, RSA Encryption

Patika.Dev, Remote
Technical Coordinator (Part-time)

July 2023 - August 2024

- Provided technical support to students throughout the Patika+ program, enhancing their learning experience.
- Developed and refined educational materials to facilitate student comprehension of technical concepts.
- Interacted with students to provide technical assistance.

Nurol Teknoloji, Ankara, Turkey
Software Engineer Intern

Summer 2023

- Developed a factory tracking automation system using Java Spring Boot.
- Participated in testing and documentation phases of the project.
- Technologies:** Java, Spring Boot, PostgreSQL

PROJECTS

Advanced Task Management System

- A comprehensive role-based task management system built with Spring Boot and PostgreSQL. Includes JWT-based authentication, department-wise access control, and Swagger-documented REST APIs.
- Technologies:** Java, Spring Boot, PostgreSQL, Spring Security, JWT, Swagger

Bluetooth Chat App (Android)

- Offline chat and GPS location-sharing app built for emergency situations like earthquakes, using Android Bluetooth API and Dagger Hilt.
- Technologies:** Java, Kotlin, Android, Bluetooth API, Dagger Hilt

SKILLS

Programming Languages: Java, Kotlin, PHP, Python, Dart
Frameworks & Tools: Spring Boot, JUnit, TestNG, Flutter, Maven, Git, Docker
Web & APIs: HTML, CSS, JavaScript, RESTful APIs, Apache, Tomcat
Database Management: MySQL, PostgreSQL, Oracle DB
Security: JWT, Spring Security, Encryption (RSA), Snort
Embedded & IoT: ESP32, Bluetooth API, Arduino
DevOps & Tools: Jira, Swagger, Postman
Methodologies: Agile, Scrum
Languages: English (Advanced), Turkish (Native)