

# BENSU ÖZYURT

Jr. Software Engineer

*Istanbul, Turkey*

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## SUMMARY

Aspiring Software Engineer skilled in mobile & web development, database management and programming with a strong background in Computer Systems, Network and Software. Adaptable to new technologies, frameworks and programming languages.

## EDUCATION

**Koç University**, College of Engineering, *Istanbul, Turkey*

**Graduated: June 2025**

Electrical and Electronics Engineering

**Specialization Track:** Computer Systems, Networks and Software

**Relevant Coursework:** Data Structures & Algorithms, Java Programming, Computer Networks, Python Programming, Database Management Systems, Mobile Device Programming (Kotlin), Computer Network & Security

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, HTML/CSS, JavaScript, Swift, Kotlin, Go

**Databases:** SQLite, MySQL, PostgreSQL

**Frameworks & Tools:** Bootstrap, Flask, SwiftUI, UIKit, Jetpack Compose, Core Data, REST APIs, Gin

**DevOps & Messaging:** Docker, Docker Compose, RabbitMQ

**Other:** Version Control (Git), Object-Oriented Programming, Socket Programming, Data Structures & Algorithms, Java Multithreading

## INDEPENDENT PROJECTS

**Weather App (Kotlin)** [[GitHub](#)] (Group Project)

- Built an Android weather app in Kotlin with **Jetpack Compose**. Integrated **Open-Meteo API** using **Retrofit**.
- Implemented location-based forecast (**Fused Location Provider**) and city search by reverse geocoding using **Geocoder**.

**Service Marketplace (Go, Docker, SQLite, RabbitMQ)** [[GitHub](#)]

- Built a two-service marketplace backend in **Go** with **REST** endpoints using **Gin**. Implemented endpoints for rating creation, listing all ratings, look-up by ID and showing provider's average rating.
- Designed async inter-service messaging via **RabbitMQ** and containerized the app with Docker compose. Added integration tests for message flow using **Testcontainers**.

**Photostory (Swift, SwiftUI, UIKit, Core Data)** [[GitHub](#)]

- Developed an iOS app that organizes photos into folders based on image descriptions. Integrated **Photos** framework. Used **PHPickerViewController** for image selection and stored the image data in a **Core Data**. Added download progress bar to track image import status. Applied **MVVM** architecture to ensure clean structure and responsiveness.

## EXPERIENCES

**Mindsite**, *Istanbul, Turkey*.

**Jan 2026-Present**

*Jr. Software Engineer*

- Developed and maintained Python data extraction codes to collect e-commerce data from diverse websites.
- Investigated website behavior using HTTP request knowledge (headers, cookies, sessions, redirects, status codes) to identify reliable extraction approaches.
- Developed solutions that handle dynamic endpoints and varying response formats.

**Mercedes-Benz Financial Services**, *Istanbul, Turkey*.

**July 2024-May 2025**

*Drive-Up IT Intern*

- Automated test cases using Postman and JavaScript, increasing online testing efficiency by 95%.
- Collaborated with cross-functional teams to troubleshoot and resolve database issues using SQL Server Management Studio.

## ACTIVITIES

**Koç University Women Engineers Society**, *Board Member* [[LinkedIn](#)]

**2021-2025**

- Organized an event to give Python classes to a group of high school students, improving their programming fundamentals and problem-solving skills.

**Vestel Innovates Journey in AI**, *Case Study Challenge* [[LinkedIn](#)]

**2023**

- Won the Vestel Innovates Journey in AI challenge with my team by developing a machine learning system in Python with an impressive 88% reliability score. Used Pandas library to clean the data.

**LANGUAGES:** **Turkish** (Native) | **English** (Advanced) | **Spanish** (Intermediate)