

Oğuzhan Göksu

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Summary

Computer Engineering graduate (high honors, ranked third in the faculty) specializing in backend development, with experience designing scalable and secure web systems. Built RESTful APIs with Java (Spring Boot), Node.js, and PHP; worked with MVC architecture and JWT/OAuth2-based authentication and authorization. Developed full-stack applications with React, PostgreSQL, and RabbitMQ, and took part in production deployments using Docker and AWS. Hands-on experience in system design, messaging architectures, and event-driven systems. Currently building PHP-based backend systems while deepening expertise in the Java/Spring Boot ecosystem.

Education

Antalya Bilim University

B.Sc. in Computer Engineering; GPA: 3.79/4.00

Antalya, Türkiye

September 2019 – August 2024

- Graduated with high honors, ranked third in the faculty and department.

Experience

Biletara

Backend Developer

Bursa, Türkiye

November 2024 – Present

- Contributed to production backend systems by developing solutions from scratch.
- Rebuilt modern framework-like backend functionality in PHP to strengthen core backend skills.
- Developed a messaging infrastructure allowing users to send dynamic WhatsApp messages via REST API, including scheduled messaging and a credit-based control system.
- Designed database architecture and implemented SQL triggers, procedures, and functions for critical system operations.
- Integrated EDM, Biletall, and WhatsApp APIs to automate data synchronization and messaging workflows.
- Integrated Tami and Sipay payment systems to enable secure and automated payment processing.
- Gained experience in modernizing legacy systems and handling high-volume backend architectures.

Apra / Arnıl-Net

Intern

Bursa, Türkiye

2022 – 2024

- Developed basic web applications using Node.js, React, and MySQL.
- Implemented real-time data integration via WebSocket using Raspberry Pi devices.
- Contributed to AI-related projects using Python and JavaScript (R-CNN models).
- Developed REST APIs using Node.js and worked on middleware layers.
- Worked with Django and SQLite on the backend and HTML, CSS, and JavaScript on the frontend.

Projects

Paty – Location-Based Pet Adoption and Lost Pet Platform

Java, Spring Boot, PostgreSQL, RabbitMQ, AWS, Docker, Firebase

June 2024

patyapp.com.tr

- Deployed the project to production on a VPS with an Apache/NGINX reverse proxy and SSL configuration.
- Developed the backend with Spring Boot and implemented a location-based subscription system using RabbitMQ and the observer pattern.
- Integrated Firebase Cloud Messaging to deliver real-time notifications to users in the same geographic area.
- Stored user-uploaded images securely on AWS S3 and configured PostgreSQL in a Docker environment.
- Managed the full development lifecycle from implementation to production deployment.

Technical Skills

- **Programming Languages:** Java, JavaScript, PHP, Python, SQL, HTML/CSS
- **Frameworks & Libraries:** Spring Boot, Node.js, Express.js, React, JPA/Hibernate, Django
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB
- **Messaging & Communication:** RabbitMQ, WebSocket, Firebase Cloud Messaging
- **DevOps & Tools:** Docker, Git, AWS S3, NGINX, Apache, Postman, Linux
- **Architecture & Practices:** REST API Design, MVC Architecture, JWT/OAuth2 Security, Observer Pattern

Certificates

- **CS50: Web Programming with Python and JavaScript** – Harvard Online, August 2023 – Certificate
- **Backend Development and APIs** – freeCodeCamp, October 2023 – Certificate

Languages

- **English:** B2 (Upper-Intermediate) | **Turkish:** Native

Additional Information

- **Military Status:** Completed
- **Interests:** System design, open-source projects, technology research, fitness