

Doğa Özcan

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Professional Summary

Detail-oriented Full Stack Developer with hands-on experience in Java, Spring Boot, Angular, React, and Node.js. Proven ability to develop and maintain scalable web and mobile applications. Strong knowledge of real-time communication technologies, cloud services, and software development methodologies including Agile/Scrum. Currently working at Amadeus IT Group, contributing to production-grade systems with a full stack approach.

Work Experience

Part-Time Full Stack Software Developer – Amadeus IT Group

July 2024 to January 2026 | Istanbul Office (Hybrid)

- Developing and maintaining microservices with Java Spring Boot and Oracle DB.
- Creating dynamic frontend components using Angular.
- Participating in production monitoring, UI testing, documentation, and deployment pipelines.
- Collaborating with international teams using Agile Scrum practices.

Java Developer Intern – Bilişim A.Ş.

Aug 2023 to Aug 2023 | Ankara

- Contributed to the backend of a banking application using Java and Spring Boot.
- Developed UI components using React.js and worked with MS SQL.

Game Developer (Co-founder) – Antapex Game Studio

Mar 2022 to Jul 2022 | Eskişehir

- Co-founded a student game studio after a Game Jam project.
- Developed 2D/3D games using Unity and C#.

Education

B.Sc. in Computer Engineering

Eskişehir Technical University | Eskişehir, Turkey | Jun 2025

Sep 2020 - Jun 2025 | GPA: 2.91/4.00

Member of IEEE Computer Society, GDSC ESTU, and ESN Turkey

High School

Gazi Anatolian High School | Ankara, Turkey | Jun 2020

Sep 2016 - Jun 2020

Certifications

Java Programming - Udemy

React.js Developer Bootcamp - Coursera

DevOps Fundamentals & CI/CD Pipeline - Udemy

AWS Academy Graduate - AWS Academy Cloud Foundations - Amazon Web Services (AWS)

Skills

Turkish - Native, English - Professional Working Proficiency, German - A2 (Beginner)

Languages & Frameworks: Java, Spring Boot, React.js, Angular.js, Node.js, JavaScript, TypeScript, C#

Databases: MySQL, MongoDB, Microsoft SQL Server, Oracle, PL/SQL

Cloud & DevOps: AWS, Microsoft Azure, CI/CD pipelines, DevOps fundamentals

Mobile: React Native, Flutter, Dart

Testing: JUnit, Mockito

Real-Time Communication: WebSocket, Socket.io **Tools:** IntelliJ IDEA, Visual Studio Code, DBeaver, Postman, Git, Jira

Methodologies: OOP, MVC, RESTful APIs, Agile (Scrum), TDD

Projects

Smart Travel Route Optimization (Thesis Project)

- Developed a mobile application that predicts crowd density at tourist locations and suggests optimal travel routes.
- Integrated Random Forest model to forecast crowd levels using location and weather data.
- Fetched real-time data from Google Places and OpenWeatherMap APIs.
- Applied Greedy algorithm with Google Maps Distance Matrix API to generate optimal travel paths.

Q/A Social Platform (Personal Project)

- Built a web app where users can ask/answer questions, add friends, and create profiles.
- Implemented RESTful APIs and JWT authentication.

Real-Time Chat App (Personal Project)

- Developed a real-time messaging app with WebSocket integration.
- Supported group and private chat, typing status, and message persistence.

Mood Tracker Mobile App (Course Project)

- Users record daily mood entries and visualize them through analytics and graphs.

Skin Disease Detection with CNN (Course Project)

- Built a CNN model to classify dermatological conditions from image data.

Recipe Book App (Design Patterns Project)

- Applied Factory, Singleton, and Builder patterns in a modular recipe app.

ASP.NET MVC Web Projects (MVC Course)

- Developed form-based applications with structured backend and frontend layers.