

Mehmet Karadana - Software Engineer

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Portfolio: <https://mehmet-karadana.onrender.com>



Summary

Software Engineer with over 1 year of commercial experience in developing scalable and maintainable mobile and backend applications. Experienced in full-stack development, specializing in Kotlin (Jetpack Compose), Java, and backend technologies including Kotlin, Java, and Python.

Strong focus on clean architecture, reusable code, and building practical solutions to real-world problems.

Comfortable taking ownership of the entire development process — from initial design to deployment.

Technical Skills

Languages: Kotlin, Java, JavaScript, Python, C#, Go

Frameworks & Libraries: Jetpack Compose, Android SDK Spring Boot, .NET

Architecture: MVVM, MVC, MicroServices

ORM: Entity Framework Core (EF Core)

Databases: MongoDB Atlas, SQLite, MSSql

Tools: Git, Docker, Firebase, Supabase, Bitbucket, SourceTree

Other: Prometheus, Grafana

Professional Experience

BGNetMobile Turkey, Adana – Full Stack Developer - Oct 2025 – Mar 2026

- Developed and maintained RESTful APIs using Python and FastAPI
- Built responsive web applications using React
- Integrated frontend and backend systems for seamless user experiences
- Worked with databases and implemented clean architecture principles

Orion Innovation Turkey, Istanbul - Junior Backend Developer - Jul 2024 - Dec 2024

- Designed a **multi-language microservice architecture** using **Java (Spring Boot + Virtual Threads)**, **Kotlin (Ktor + Coroutines)**, and **Go (Gin)** to handle concurrent data aggregation from distributed sources.
- Created realistic agency simulators with **Node.js/Express**, each configured with varying response delays based on simulated geographic distance.
- Focused on performance, concurrency, and modular service separation to ensure scalable and testable architecture.

Phi Software, Trabzon - Software Engineer Intern - Jul 2023 - Aug 2023

- Gained hands-on experience in Java backend development and algorithm design.
- Practiced problem solving, clean code principles, and contributed to internal tooling projects.

Key Projects

TSK PERTEM Mobile App

- A mobile application for Turkish Armed Forces personnel to access announcements, exam and assignment details
- Integrated with Firebase Realtime Database for real-time updates
- Currently in closed testing on Play Store due to content policy restrictions

[Source Code](#)

- **Game of Secret – Truth or Dare Game**
- A single-player mobile game developed with **Kotlin** and **Jetpack Compose**.
- Presents random **truth** and **dare** challenges to the user with smooth animations and a clean interface.
- Now [publicly available on the Play Store](#)

TÜBİTAK 2209-A Research Project

- *Project Title:* “Analyzing the Spread of Misinformation and Public Sentiment on Twitter”
- Utilized NLP and ML techniques to classify tweets and measure sentiment trends
- Officially funded and recognized by TÜBİTAK (The Scientific and Technological Research Council of Türkiye)

Education

Karadeniz Technical University — BSc in Software Engineering (2021 – 2025) GPA: 3.09

Karadeniz Technical University — MSc in Software Engineering (2026 – Present)

Languages

Turkish - Native

English - A2

Soft Skills

Detail-oriented, self-motivated, and adaptive to fast-paced environments. Quick learner with strong communication and problem-solving abilities.