

Muhammet Tarık İnandı

Software Developer

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A Software Developer at Elite Soft, working on a product family that migrates organizations' data models from SAP PowerDesigner to erwin Data Modeler. Before that, I spent about 2 years at Garanti BBVA Teknoloji working as a full stack developer on .NET and Java microservice projects. I am deepening my skills in physical modelling, DDL automation and data governance on Oracle, DB2 z/OS and MSSQL. Outside work I also build personal projects; one of them, Hangisi? (hangisi.online), is live in production right now.

EXPERIENCE

Software Developer

Jun 2026 – Present

Elite Soft · Full-time · Bursa, Türkiye · Remote

- Took part in developing a product family that migrates organizations' data models from SAP PowerDesigner to erwin Data Modeler.
- Carried out the technical work and gave the customer presentation in a data-modeling tool PoC for a major bank.
- Adapted customers' data modelling standards to erwin, building customizations for DDL generation and model rules.
- Designing the data model of a data governance module compliant with banking regulations.

Stack: erwin Data Modeler, erwin Mart, Forward Engineering Templates (FET), Oracle, IBM DB2 z/OS, MSSQL, Docker, .NET, .NET Core

Full Stack Software Developer Intern (Software Technology Management)

Jun 2024 – Jun 2025

Garanti BBVA Teknoloji · Internship · İstanbul, Türkiye

- Developed backend systems that manage service connection rules, optimizing internal service configurations.
- Automated configuration processes and integrated dynamic control mechanisms into the system.
- Ran vulnerability analyses with Fortify and closed the findings, improving code security.

Stack: .NET MVC, Entity Framework, JavaScript, Oracle SQL, MSSQL, Docker, Jenkins, SonarQube, Microservices, Git

Full Stack Software Developer Intern (Customer Center Data Solutions)

Sep 2023 – Jun 2024

Garanti BBVA Teknoloji · Internship · İstanbul, Türkiye

- Took responsibility for developing and maintaining backend services in CRM and corporate customer acquisition projects.
- Carried out Java version upgrades as part of system modernization.
- Made performance improvements that increased the platform's stability.

Stack: Java, Spring Boot, Oracle SQL, Docker, Microservices, Jenkins, SonarQube, Git

Intern

Jun 2023 – Sep 2023

Garanti BBVA Teknoloji · Full-time · İstanbul, Türkiye

Stack: Agile, Maven

Cyber Security Team Member

Nov 2022 – Jun 2023

KOU Yazılım Kulübü

Software Team Member

Sep 2022 – Jan 2023

IEEE KOU TECHNIC · Kocaeli, Türkiye

EDUCATION

Kocaeli University

2021 – 2025

Computer Engineering, Bachelor's Degree

SKILLS

Backend	C#, Java, Python, .NET Core, ASP.NET MVC, Spring Boot, Spring Security, Spring Cloud Config, Django, Django REST Framework
Data Modelling & Architecture	erwin Data Modeler, erwin Mart, Forward Engineering Templates (FET), physical / logical modelling, DDL automation
Database & Cache	Oracle SQL, MSSQL, PostgreSQL, Supabase, Redis, Elasticsearch
Message Queues	RabbitMQ, Kafka
Architecture & DevOps	Microservices, Event-Driven Architecture, Docker, CI/CD, Jenkins, SonarQube, Fortify, Vercel
Frontend	JavaScript, TypeScript, React, Tailwind CSS, Bootstrap
Tools & AI	Git, Jira, JUnit 5, Testcontainers, Flyway, Swagger / OpenAPI, Claude Code, Codex

PROJECTS

TicketRush github.com/tarikinandi/TicketRush

A high-concurrency, event-driven ticket booking system that solves race conditions and over-selling in flash-sale...

Java 21 · Spring Boot 3 · React · PostgreSQL · Redis · RabbitMQ · Docker

Aethera Bank v2 (Banking-App)

An enterprise-grade banking simulation using microservices, CQRS and the Saga pattern, with React micro-frontends...

Java 21 · Spring Boot 3.5 · React 18 · TypeScript · PostgreSQL · MongoDB · Redis · Kafka · Elasticsearch · Webpack Module Federation...

PawTrack

A QR-powered SaaS platform for veterinary clinics covering customers, pets, appointments, examinations, inventory...

Java 21 · Spring Boot 3 · Next.js · TypeScript · Tailwind CSS · shadcn/ui · PostgreSQL (Neon) · Supabase Storage · Flyway · GitHub...

Hangisi?

A web app where users open polls on topics they are undecided about and let the community vote; I designed, built and...

Python · Django · Django REST Framework · React · TypeScript · Vite · Tailwind CSS · Three.js · Supabase (PostgreSQL) · Vercel

adreskodusorgula-api

A Fastify/TypeScript backend API for Turkish national address (UAVT) code lookups, running live in production on...

Node.js 24 · Fastify 5 · TypeScript · Zod · PostgreSQL (Neon) · Redis (Upstash) · Pino · Sentry · Railway · Docker

CreatorLens AI (Video Analiz)

A zero-API-cost content-intelligence and production studio for YouTube Shorts/Instagram Reels, scoring virality...

Python · yt-dlp · Gemini API · SQLite · Chart.js · Docker

Devritory github.com/tarikinandi/Devritory

A customizable blog platform built with ASP.NET Core MVC, featuring JWT-based authentication, real-time commenting...

ASP.NET Core 9 · Entity Framework Core · Javascript · SQL Server · JWT · AJAX · Bootstrap 5 · Docker · Cookie Auth · jQuery

Traffic-Guard github.com/tarikinandi/Traffic-Guard

An asynchronous API traffic logging system that captures the full HTTP request/response flow...

Java 21 · Spring Boot 3.5 · Spring Cloud Config · Apache Kafka · Elasticsearch · Kibana · PostgreSQL · Docker Compose

Career-flow github.com/tarikinandi/Career-flow

A multi-user Spring Boot REST API that tracks job applications, interviews and flashcard decks for interview preparation...

Java 21 · Spring Boot 3.5 · Spring Security · JWT · PostgreSQL 17 · Flyway · OpenAPI · Testcontainers

FinTrack

A personal-finance platform covering income/expense tracking, budget planning and goal tracking, built with Spring...

Java 21 · Spring Boot 3.5 · React 19 · TypeScript · PostgreSQL · Redis · Docker

RetroChatbot github.com/tarikinandi/RetroChatbot

A themed (GeoCities-90s / 2030-cyberpunk) chatbot that believes it's living in a different decade, powered by the...

Python · FastAPI · Gemini API · Three.js · HTML/CSS/JS

CERTIFICATES

Teknoloji Güvenlik Akademisi 101 Modülü

UP School · Jan 2026

Spring Boot ile Elasticsearch

Udemy · Dec 2025

Master Microservices with Spring Boot 3.3.X, Cloud And Docker

Udemy · Nov 2025

Code The Core Java Essentials Workshop

Techcareer.net · Aug 2025

Yazılım Mimarisi Esasları

LinkedIn · Jun 2025

Web Servislerine Giriş

BTK Akademi · May 2025

Java Spring Boot

Udemy · May 2025

Uygulama Geliştirerek C# Öğrenin: A'dan Z'ye Eğitim Seti

Udemy · Jul 2024

JAVA ile Programlamaya Giriş

BTK Akademi · Aug 2023

Versiyon Kontrolleri: Git ve GitHub

BTK Akademi · Aug 2023

REFERENCES

Murat Yıldırğan

Manager

Garanti BBVA Teknoloji

Anıl Karaman

Expert Software Engineer

Garanti BBVA Teknoloji

Şeyma Bağcı

Senior Expert Software

Engineer

Garanti BBVA Teknoloji

Mustafa Demirbay

Business Intelligence

Operation Specialist

Türk Telekom