

Ali Kendir

alikendir.dev | alikendir2002@gmail.com | linkedin.com/in/ali-kendir | [+90 538 877 80 77](tel:+905388778077)

Software Engineering student experienced in Java, JavaScript, Python and full-stack development, also interested in AI/LLM applications and aviation technology.

EDUCATION

TED University, Software Engineering

Bachelor's Degree (100% English, GPA: 3.13/4.00)

Ankara, Türkiye

Expected: June 2026

EXPERIENCE

Software Engineering Intern

July 2025 – August 2025

ASELSAN – Radar and Electronic Warfare Systems (REHIS)

Ankara, Türkiye

- Worked on web-based large scale radar simulation UI using React, Three.js, Node.js, and WebSocket for real-time 3D visualization

- Built an automation tool using Python and Node.js to parse specification documents (DOCX to JSON to XML)

Software Engineering Intern

June 2024 – July 2024

Akgün Technology – Healthcare Information Systems

Ankara, Türkiye

- Worked on a web-based information System project using React, Node.js, Express, and PostgreSQL with Sequelize ORM

PROJECTS

DDD-Enforcer | *Python, FastAPI, TypeScript, VS Code API, Gemini API*

[GitHub](#)

- Designed a LLM-based analysis tool to keep the codebase clean and strictly aligned with Domain-Driven Design principles
- Built a Multi-Agent system using the Gemini API to automate the generation and maintenance of complex Domain-Driven-Design documentation
- Implemented a RAG pipeline to retrieve specific domain rules and provide real-time, context-aware feedback on architectural violations

Web-based Radar Simulators | *React.js, Node.js, Three.js, WebSocket*

[Raycast](#) | [Backend](#)

- Developed high-performance radar simulations using Three.js and WebGL to visualize real-time aircraft detection
- Implemented a Raycasting approach for client-side collision detection, enabling precise mapping of radar intersections to aircraft data
- Optimized a backend-driven simulation by implementing Instanced Rendering and Height Mapping, reducing CPU overhead for complex geometries
- Integrated WebSockets for low-latency streaming of aircraft coordinates, decoupling simulation logic from frontend rendering

Student Information System | *React.js, Node.js, PostgreSQL*

[UI](#) | [API](#)

- Designed a full-stack registration system, evolving the architecture from native technologies to a modern React/Node.js stack
- Integrated PostgreSQL with Sequelize ORM, applying SOLID design patterns for high-quality, maintainable code
- Utilized ChakraUI to deliver a responsive, accessible, and user-centric interface

CERTIFICATIONS & PROGRAMS

Huawei Cloud Certified Developer Associate (HCCDA): Tech Essentials

AI Specialization Program: National Technology Academy – Republic Of Türkiye Ministry of Industry and Technology (ongoing)

CONFERENCES

IISec 2026 – IEEE International Informatics and Software Engineering Conference, Ankara, Türkiye

Paper Presenter & Author | “DDD-Enforcer: An AI-Powered Multi-Agent System for Real-Time Domain-Driven Design Enforcement”

TECHNICAL SKILLS

Programming: JavaScript, Java, TypeScript, C, Python, Node.js

Databases: MySQL, PostgreSQL, ChromaDB, CouchDB, MongoDB

Frameworks & Tools: React.js, Three.js, Docker, n8n, Linux, WebGL, Tailwind CSS, ChakraUI