



# İsmet Can Bıyık

Software Engineer

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## SKILLS

- NodeJS
- NextJS
- MongoDB
- NestJS
- React Native
- PostgreSQL
- Javascript/Typescript
- Java
- AWS
- React
- Prisma ORM
- Tanstack

## EDUCATION

**Software Engineering** 2021 – 2025  
Celal Bayar Üniversitesi  
Gano: 3.74/4  
Manisa

**High School** 2016 – 2020  
İsmet Yılmaz Fen Lisesi  
Sivas

## PROFESSIONAL EXPERIENCE

**Full Stack Developer** Jul 2025 – Present  
Elegant Ofis  
Working on hospital ERP systems and internal software solutions for Elit Hair & Elit Klinik  
İstanbul

**Full Stack Engineer** Nov 2024 – May 2025  
Smart Bee Software Solutions LTD  
Developed scalable web and mobile applications using NestJS, React, and Prisma. Focused on backend architecture and modular design in R&D-driven software projects.  
London, UK

**Backend Developer** May 2023 – Aug 2024  
Duosoft  
We develop software solutions using NestJS and similar technologies, often incorporating AI components. I used Prisma ORM for managing database operations.

**Denizaşırı Online Internship Program** Dec 2021 – Jan 2022  
DenizBank  
It was a training where I learned the basics of banking and grasped the basics of financial software.

**Software Test Intern** Nov 2021 – Dec 2021  
Grispi  
Performed black-box testing on the developed CRM application. Executed test cases and prepared detailed reports.

## PROJECTS

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### Hospital ERP - Elit Klinik & Elit Hair

*Full-Stack Developer — High-Traffic Hospital Management System Built on Microservices Architecture*

- Worked as a full-stack developer in a team building a comprehensive hospital management system for Elit Klinik and Elit Hair, covering all operational stages—from international patient arrival processes to post-operation services.
- The platform was built on a microservices architecture, handling high traffic and critical workflows.
- I took full ownership of several services and modules, including transfer scheduling, operation workflow management, patient process tracking, and documentation handling—contributing to both backend development and the required frontend integrations.
- Additionally, I played an active role in the backend of the mobile application used by both doctors and patients, designing secure, scalable, and fault-tolerant APIs. Throughout the project, I focused on system performance, reliability, and operational resilience.

### Hayvanım Pazarda [🔗](#)

May 2024 – present

*Web-First Livestock & Agricultural Marketplace (Mobile Expansion Planned)*

- Designed and developed a web-focused marketplace platform that enables users to list livestock by uploading photos and detailed information, while also supporting agricultural tools and equipment listings.
- The platform is built with scalability and accessibility in mind, with the mobile application planned as the next phase to expand user reach across mobile devices.
- I independently managed the entire DevOps lifecycle, including deployment pipelines, environment configuration, cloud infrastructure setup, and release processes, ensuring a reliable and maintainable production environment.

### AIBlogWriter [🔗](#)

Feb 2025

*AI-Powered Content Generator for Fully Automated Blogging*

- Developed an open-source, AI-powered blog content generator as part of a larger autonomous blog automation ecosystem.
- Built with NestJS using a modular architecture following the separation of concerns (controllers, services, modules)
- Implemented multi-language support and customizable content generation based on user-defined parameters
- Created a RESTful API to enable seamless integration with other systems and applications

### IBANControl [🔗](#)

May 2025 – present

*IBAN Validation & Formatting Tool – Web Application*

- Developed a web-based tool for validating and formatting international bank account numbers (IBANs).

- Built RESTful services using Node.js/NestJS and integrated validation logic for various country formats.
- Implemented frontend components with Next.js and ensured real-time form validation and UX clarity.

### ViralAI - Duosoft [↗](#)

Sep 2023 – Dec 2023

#### Social AI Copilot

- A mobile application for creating content with artificial intelligence. Utilized the OpenAI API in the backend for content generation

### ChatFabrica - Duosoft

Nov 2023 – Aug 2024

#### AI Customer Support Chatbot

- ChatFabrica is an AI-powered chatbot that can be integrated into your website for customer support. By learning directly from your web pages and PDFs, it can provide accurate and up-to-date responses to customer inquiries.
- I worked extensively on the backend and prompt engineering part of this project. I integrated the OpenAI API into the project and used it with artificial intelligence models.

### Turkey Location Data [↗](#)

Aug 2024

#### Turkey province, district and neighborhood data.

- Developed an npm package that provides structured access to province, district, and neighborhood data in Turkey.

### House Price Prediction [↗](#)

Feb 2024

- A machine learning model that predicts house prices by collecting real estate data from target websites. Trained multiple algorithms to select the best-performing model, then deployed it as a web service using Streamlit.

## CERTIFICATES

Denizaşırı Online Internship Program [↗](#)

Beginner Level Frontend Web Development Path [↗](#)

BTK Basic Network Technologies

Beginner Level Backend Web Development with Java [↗](#)

Intermediate Web Development with Java [↗](#)

Turkcell Geleceği Yazarlar Java 101

Turkcell Geleceği Yazarlar Java 102

Turkcell Geleceği Yazarlar React Native 101

Berlitz Level 2 English

Berlitz Level 3 English

AWS Cloud Practitioner Essentials

## LANGUAGES

Turkish



English



## REFERENCES

Reference information will be shared upon request.