



# İsmet Can Bıyük Software Engineer

📞 +905555548345

🔗 ismetcanbyk.me

✉️ ismetcanbyk@gmail.com

🔗 github.com/ismetcanbyk

📍 Istanbul

🔗 linkedin.com/in/ismetcanbyk

## SKILLS

---

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

## EDUCATION

---

### Software Engineering

Celal Bayar Üniversitesi

Gano: 3.74/4

2021 – 2025

Manisa

### High School

İsmet Yılmaz Fen Lisesi

2016 – 2020

Sivas

## PROFESSIONAL EXPERIENCE

---

### Full Stack Developer

Elegant Ofis ↗

Jul 2025 – Present

İstanbul

Working on hospital ERP systems and internal software solutions for Elit Hair & Elit Klinik

### Full Stack Engineer

Smart Bee Software Solutions LTD ↗

Nov 2024 – May 2025

London, UK

Developed scalable web and mobile applications using NestJS, React, and Prisma. Focused on backend architecture and modular design in R&D-driven software projects.

### Backend Developer

Duosoft ↗

May 2023 – Aug 2024

We develop software solutions using NestJS and similar technologies, often incorporating AI components. I used Prisma ORM for managing database operations.

### Denizasrı Online Internship Program

DenizBank

Dec 2021 – Jan 2022

It was a training where I learned the basics of banking and grasped the basics of financial software.

### Software Test Intern

Grispi ↗

Nov 2021 – Dec 2021

Performed black-box testing on the developed CRM application. Executed test cases and prepared detailed reports.

## PROJECTS

---

### **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 Pazarı**

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**

---

Denizasrı 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 Yazanlar Java 101

Turkcell Geleceği Yazanlar Java 102

Turkcell Geleceği Yazanlar 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.**