

# Hakkı Günal

Physics-Driven Full-Stack Developer

📍 Istanbul, Turkey

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## Professional Summary

A highly motivated and analytical **full-stack developer** with a background in **physics**. I specialize in building efficient, **scalable software solutions** with a strong focus on **process automation** and problem-solving. My expertise includes modern web technologies and creating innovative applications that simplify complex tasks. For more details, please visit my [LinkedIn profile](#).

## Competencias

**Problem Solving:** Using a physics background to develop elegant and efficient **software solutions**. **Automation:** Proven ability to automate complex processes, reducing manual effort and improving efficiency. **Full-Stack Expertise:** Experienced in both frontend and backend **development** to create complete and functional applications. **Teamwork:** Collaborating effectively within team environments to achieve common goals. **Analytical Thinking:** Applying logical and structured approaches to complex challenges.

## Skills

**Frontend:** React, Next.js, Tailwind CSS, Framer Motion

**Backend:** Python, Node.js, Express.js, FastAPI

**Databases & DevOps:** PostgreSQL, MongoDB, Docker, AWS

**Soft Skills:** Problem Solving, Teamwork, Leadership, Analytical Thinking

## Projects

**Hakkınızla Uçun** [hakkinizlaucun.com](https://hakkinizlaucun.com)

2024 – Present

- Developed an **automation-focused flight search platform** using **Next.js** and **Python** to find cost-effective, short-term flights between Turkey and Europe.
- The system significantly reduced search time and allowed for easy discovery of high-value travel opportunities.

**Monitorist** [monitorist.vercel.app](https://monitorist.vercel.app)

2021 – 2023

- Created a real-time **e-commerce monitoring platform** using **Python web scraping** and **React**, tracking inventory across 20+ websites.
- Automated stock-change notifications via Discord, generating revenue through a subscription-based community model.

**MarunGPT** [marungpt.vercel.app](https://marungpt.vercel.app)

2024 - Present

- Built an **AI-powered chatbot** for university students using **OpenAI API**, trained on official university data.
- The project automated answers to frequently asked questions, reducing administrative load and improving student access to information.

## Education

**Marmara University**

B.Sc. in Physics

2024 – Present

## Volunteer Experience

**ESN Marmara & ESN Türkiye**

2024 – Present

Procom, ComCom, WebCom

- Supported event planning, communication, and **web development** for Erasmus students.
- Enhanced ESN Türkiye's **online platforms** to improve student mobility experience.

## Languages

**Turkish:** Native   **English:** Fluent   **German:** A1