Hakkı Günal

Physics-Driven Full-Stack Developer

⚲ Istanbul, Turkey ✉ me@hakki.info 🔗 hakki.info **in** hakkierdem ⚙ erdemgunal

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 ⧉   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 ⧉   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 ⧉   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   2024 – Present
B.Sc. in Physics

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