

# M.Hasan Yumuşak

## Software & Electronics Engineer / Applied Physics

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I'm passionate about electronics, software, Linux, and engineering. I'm conducting research in applied physics. Professionally, I'm a fullstack web developer working in geographic information systems. In my spare time, I mostly try to develop systems and learn about astrophysics and nuclear physics — fields I'm deeply interested in. For my projects, I use self-hosted open-source applications on my VPS — Plane, WikiJS, Trilium, etc.

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## Experience

### Fullstack Web Developer — Ankageo

*Ankara, Turkey · September 2022 – Present*

- Contributed to the development of key modules for the OFT (Our Future Treasure) platform built for Koza Gold Operations.
- Participated in both maintenance and redevelopment processes of the GTBYS project for the General Directorate of Highways.
- Developed fullstack solutions using Angular and ExpressJS.

### Freelance Web Developer

*Remote · May 2022 – September 2022*

- Developed a custom inventory tracking system for an industrial client.
- Delivered lightweight solutions such as an image gallery and a web scraping bot.
- Carried out rapid development processes using TypeScript and Python.

### Electronics Engineer — Karadeniz Savunma Sanayi, Lemona A.Ş.

*Ankara, Turkey · December 2021 – May 2022*

- Designed antenna models and performed simulations using CST Studio Suite.
- Performed reverse engineering on defense-grade electronic boards.

### Game Development Intern — Ankgeo

*Ankara, Turkey · July 2021 – August 2021*

- Developed four small-scale games using Unreal Engine 4.

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## Skills

**Programming Languages:** TypeScript · C · C++ · Python

**Frameworks / Libraries:** Angular · ExpressJS · SvelteKit · React · NextJS

**Databases:** PostgreSQL · MySQL · SQLite · Redis · Supabase

**DevOps / Infrastructure:** Docker · Self Hosting · Coolify

**AI / Automation:** n8n · Claude Code

**Platforms / Tools:** Wordpress

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## Education

### Electrical & Electronics Engineering, B.Sc.

*Iskenderun Technical University · Graduation: 2021 GPA: 2.94 / 4.00*

### Information Technologies Certificate Program

*Middle East Technical University (METU) · October 2021 – August 2022 Certificate No: ODT.UEA.S2200015.186*

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## Languages

Language	Level
Turkish	Native
English	Professional Working Proficiency