

Arnau Muñoz Barrera

Computer Engineer | Backend Developer



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[arnaumunozbarrera](https://github.com/arnaumunozbarrera)



arnaumb-dev.netlify.app

Profile

I am a **Computer Engineering** student committed to improving interactions between people and technology. With skills in conflict resolution, I approach challenges collaboratively.

Passionate about new technology and creating interactive visuals, I enjoy refining my creativity and transforming concepts into engaging digital experiences. I am eager to contribute to **backend** related development with the intention of enhancing user experience & improve system performance.

By the time I complete my degree, I will be looking forward to enrolling in a **Master's** program to further advance my expertise in **software development**.

Experience



Energiot - Feb 2025 - Current

Full Stack Engineer

Designed, developed, and maintained full-stack services. Implemented scalable architectures and optimized data flow using Supabase, Prisma, Upstash. Built dynamic dashboards, interactive maps, and user-centric features to visualize data effectively. Created and managed APIs built from scratch for IoT devices, ensuring reliable data ingestion, processing, and integration.

Skills

Frontend



Backend



Databases | Auth



Languages

- **Spanish** – Native
- **Catalan** – Native
- **English** – C1 Certified level
- **German** – Beginner

Academic Formation



UAB - Sept 2022 - Current

Computer Engineering

Awards

UAB Hackaton Winner

November 2025 | Grupo Caja Ingenieros Challenge

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