

Raúl Aquilué Rubio

Computer Engineer & Full Stack Developer

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Summary

Computer Engineer graduate from UAB with a specialization in Computer Science. I possess 4 years of experience as a Full Stack Developer at Nubelfon, focusing on **backend development** with **PHP/Laravel** and creating custom solutions for clients in the telecommunications sector (**VoIP**). Experienced in the full project development lifecycle, including architecture design, database management (**MySQL**), API integration (**Asterisk, Google/Amazon Voice**), deployment on virtual machines, task automation, and web interface development. Seeking to apply my technical skills and problem-solving abilities in collaborative and dynamic environments.

Professional Experience

Nubelfon

June 2021 - Presente

Full Stack Developer / Lead Solutions Developer

- Developed custom solutions for VoIP telephony (Asterisk PBX).
- Designed and implemented web platforms using Laravel for managing telephone services.
- Automated processes (calls, reports, monitoring).
- Integrated with voice APIs (Google/Amazon) for STT/TTS.
- Managed full project lifecycle: from VM deployment to API and database development.
- Developed the main customer portal featuring user management, roles, jobs, and notifications.

Key Projects:

- Automated call system for reminders to elderly individuals.
- Monitoring platform for government agencies with CSV/PDF reporting.
- Customer portal with VTiger CRM integration.

Hospital Universitario Bellvitge

June 2017 – July 2021

Orderly and Administrative Assistant

- Part-time work during university studies.
- Provided patient care and support to medical and nursing staff.
- Worked during the critical period of the COVID-19 pandemic (March 2020 - July 2021).

Education

Universitat Autònoma de Barcelona (UAB)

2017 - 2022

Bachelor's Degree in Computer Engineering with a specialization in Computer Science

- **Final Degree Project:** Local Voice Assistant for Natural Language to SQL

Languages

- **Spanish:** Native
- **Catalan:** Native
- **English:** B2 (Cambridge First Certificate in English)

Technical Skills

- **Backend:** PHP (Laravel), MySQL, APIs REST, Asterisk PBX
- **Frontend:** HTML5, CSS3, JavaScript, Bootstrap, Blade
- **Telecommunications:** Voice API Integration (Google Cloud /Amazon Web Services), Custom Call Flows, VoIP Monitoring
- **DevOps:** VM Deployment, Server Management (Proxmox), Docker, Bash Scripting
- **Other:** Python (prototyping), Git, C++ (microcontrollers), Linux

Personal Projects and Home Lab

A portfolio of my personal projects is available at <https://raular.com/showcase>. Outside of my professional work, I actively maintain a personal **home lab environment** managed with **Proxmox** and **Docker**. This setup allows me to experiment with new technologies, self-host various applications, and replicate complex development and deployment scenarios similar to professional environments.

My personal projects typically involve **full-stack web development** with a strong emphasis on backend solutions using Laravel, creating custom development tools to optimize workflows, and applying my skills in competitive events (e.g., **winning** the **Hack for Good Barcelona 2024 hackathon** and the **HackUPC 2025**, which featured over 750 participants).