

Alberto Morán Cuenca

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with around three years of experience in **Java, Spring Boot and Angular**. My experience includes developing production APIs and building applications for clients as a freelancer. I work across the full development lifecycle, from requirements and REST API design to data modelling, Angular development, deployment and maintenance. I also run my own private cloud, bringing practical infrastructure and CI/CD experience to my development work.

TECHNICAL SKILLS

Backend: Java, Spring Boot, Spring, REST APIs, OpenAPI

Frontend: Angular, TypeScript, JavaScript, HTML, CSS, Sass, Tailwind CSS, Astro

Databases: PostgreSQL, MySQL

Testing & Tools: JUnit, Cucumber, Postman, Git, Jira

DevOps & Cloud: Docker, Jenkins, Proxmox, AWS

Networking: MikroTik, WireGuard, Caddy, NGINX, Traefik

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer (Freelance)

May 2024 – Present

Custom software for clients

Stack: Java, Spring Boot, Angular, TypeScript, PostgreSQL, OpenAPI, Docker, Jenkins, AWS

- Develop custom business applications, covering requirements, architecture, REST APIs with OpenAPI, PostgreSQL databases and Angular interfaces. Handle deployment with Docker and Jenkins, as well as ongoing maintenance.
- Built and deployed a **HACCP management application for Montes del Acebo**, a food distributor, including the backend, database and Angular frontend. The application supports product and batch traceability, returns, stock write-offs and expiry date management ([case study](#)).

Backend Java Developer

Nov 2022 – Sep 2023

Vexcel Imaging · API Team

Stack: Java, Spring, REST APIs, JUnit, Cucumber, OpenAPI, Datadog, Postman, Jira

- Developed and maintained REST endpoints serving imagery and geospatial metadata in a production API.
- Implemented advanced search filters for terrain and parcel vector data, image capture metadata and camera information.
- Contributed to automated testing (JUnit, Cucumber), OpenAPI documentation, production monitoring (Datadog) and support.

SELECTED PROJECT

Albgott — Self-Hosted Private Cloud Platform

Personal project · [albgott.com](#)

Stack: Proxmox, Docker, Jenkins, PostgreSQL, MikroTik, WireGuard, Caddy

- Designed and built a private cloud platform that I have operated in production since 2023, managing infrastructure, networking, deployments and monitoring.
- Automated builds, versioning and deployments with Jenkins CI/CD pipelines to make releases repeatable and verifiable.
- Designed a segmented network with VPN access to isolate environments and limit the impact of failures and configuration errors.
- Maintain operational runbooks and write incident postmortems to support troubleshooting and prevent recurring issues.

EDUCATION

Software Engineering — Universidad Rey Juan Carlos · 2018 – 2023. Final degree project pending.

LANGUAGES

Spanish (native) | English (B2, Cambridge English First — FCE)