Sebastian Cetina

Systems Engineering Student | Backend Developer | Java & Spring Boot

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LinkedIn · GitHub · Portfolio

PROFESSIONAL SUMMARY

Eighth-semester Systems Engineering student focused on backend development with Java and Spring Boot. I have built web applications with authentication, relational databases and Docker containers, applying hexagonal architecture and code quality practices. I am looking for an internship where I can contribute my skills, learn from a development team and work on real projects.

TECHNICAL SKILLS

- **Backend:** Java, Spring Boot, Spring Security, REST APIs, Thymeleaf
- **Databases:** PostgreSQL, MySQL
- **DevOps & tools:** Docker, Docker Compose, Linux, Git, GitHub, Maven, Gradle, SonarQube
- **Frontend:** TypeScript, Next.js, Tailwind CSS
- **Architecture:** Hexagonal architecture (ports and adapters), layered architecture
- **Learning:** Cloud services and application deployment

PROJECTS

SIGEBEX Hospital Service (Synexis) | Java 17, Spring Boot, Spring Security, Thymeleaf, PostgreSQL, Docker

- Web application to control the entry of external biomedical and technological equipment into healthcare institutions, with movement traceability.
- Authentication and authorization with Spring Security, separating public pages from protected modules (equipment, movements and users).

Hospital Operational Status Monitor – San Rafael | Java 21, Spring Boot, PostgreSQL, Docker, SonarQube

- System that centralizes the availability of critical services (admissions, laboratory and medical records) and calculates the hospital's overall operational severity level.
- Built with hexagonal architecture, a Dockerized database and static code analysis with SonarQube.

Personal web portfolio | Next.js, TypeScript, Tailwind CSS, Vercel

- Personal site deployed on Vercel showcasing my projects and technologies.
- myportfolio-acem-39cd.vercel.app

EDUCATION

Universidad Santo Tomás — In progress · 7th semester

Systems Engineering

LANGUAGES

- Spanish: native
- English: developing