

# Emilio Funes

## BACKEND DEVELOPER

### ABOUT ME

Backend Developer with experience in Java (Spring Boot) and PHP (Laravel), focused on building secure, scalable RESTful APIs. Proficient in PostgreSQL and MySQL, with JWT-based authentication and role-based access control. Expanding skills in Docker, CI/CD, and AWS to streamline deployment workflows. I deliver modular, maintainable backend solutions using clean architecture to solve real-world problems.

### TECHNICAL EXPERIENCE

#### COMMERCIAL MANAGEMENT SYSTEM

Freelance project in progress (2025-Present)

**Tech stack:** Spring Boot · Java · PostgreSQL · Docker · Thymeleaf

- Developed a modular system with invoicing, purchasing, and user management features.
- Integrated JWT-based authentication and email account validation.
- Designed with MVC architecture and SaaS-ready scalability.

#### MODULAR MICROSERVICES PLATFORM

Independent professional project (2024)

**Tech stack:** Spring Boot · Java · MySQL · Docker · React

- Built decoupled microservices with role-based access and JWT authentication.
- Containerized services with Docker and managed version control via Git.
- Focused on modularity and production scalability.

#### PRODUCT MANAGEMENT API

Individual project initiated at UTN (2022–2023)

**Tech stack:** Java Spring Boot · MySQL · Spring Security · Thymeleaf · Swagger

- Created a REST API (MVC) to manage products, categories, and users.
- Implemented role-based auth, global exception handling, and Swagger documentation.
- Built an admin panel using Thymeleaf and scaled the solution independently.

#### HOSPITAL MANAGEMENT SYSTEM

Personal project (2022)

**Tech stack:** Java · MySQL

- Designed and implemented a relational database to manage patients, doctors, and appointments.
- Delivered full CRUD functionality and improved administrative workflows.

### CONTACT

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 [Portfolio](#)

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### TECHNICAL SKILLS

- Languages: C, Java, PHP, JavaScript
- Framework: Spring, Laravel, React.js
- Databases: MySQL, PostgreSQL, MongoDB
- Tools: Git, GitHub, Maven, Composer, Hibernate
- DevOps (in progress): Docker, CI/CD (GitHub Actions, Jenkins), AWS (EC2, S3, RDS)

### SOFT SKILLS

- Leadership and problem-solving
- Effective communication and teamwork
- Adaptability and continuous learning
- Agile Methodologies (Scrum)

### EDUCATION

#### Technical Degree in Programming

National Technological University – UTN | Aug 2023 – Present

#### Coderhouse Courses

Web Development · JavaScript · Frontend with React | Aug 2021 – Dec 2022