

# Emilio Funes

## BACKEND DEVELOPER

### ABOUT ME

Backend Developer with a strong foundation in Java (Spring Boot) and PHP (Laravel), specialized in building secure and scalable RESTful APIs. Experienced in working with relational databases (MySQL, PostgreSQL) and applying security best practices such as JWT authentication.

Currently pursuing a Technical Degree in Programming at UTN and expanding my DevOps skills with AWS, Docker, and CI/CD practices.

Passionate about creating reliable backend systems and collaborating in remote, agile environments.

### EXPERIENCE

#### COMMERCIAL MANAGEMENT APPLICATION – UTN

National Technological University - MDP Region – Present

**Technologies:** Spring Boot, Java, PostgreSQL, Docker, Thymeleaf, Git.

**Key contributions:**

- Designed and developed an advanced commercial management application using MVC architecture.
- Implemented secure authentication and authorization mechanisms with JWT.
- Built scalable modules for invoicing and purchasing, designed for SaaS deployment.
- Integrated email services for user account validation and notifications.

#### MICROSERVICES-BASED APPLICATION – UTN

National Technological University - MDP Region

**Technologies:** Spring Boot, Java, MySQL, Docker, Git, React.

**Key contributions:**

- Developed a microservices-based system focusing on security, modularization, and scalability.
- Managed role and permission control using JWT authentication.
- Utilized Docker for containerization and built a centralized control panel to manage services.

#### HOSPITAL MANAGEMENT SYSTEM – UTN

National Technological University - MDP Region

**Technologies:** Java, MySQL, Git.

**Key contributions:**

- Designed the database structure and entity relationships.
- Developed CRUD operations for patients, doctors, and appointments, improving data management efficiency.

### CONTACT

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 [LinkedIn profile](#)

 [Portfolio](#)

 Buenos Aires, AR

### TECHNICAL SKILLS

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

### SOFT SKILLS

- Leadership
- Assertive communication
- Adaptability to change
- Agile Methodologies – Scrum
- Problem-solving
- Teamwork

### EDUCATION

#### Technical Degree in Programming

National Technological University - UTN -  
Aug 2023 – Present

#### Coderhouse Courses

Web Development, JavaScript, and  
Frontend with React  
Aug 2021 - Dec 2022