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

- emilio.ifunes@hotmail.es
- +549 (0221) 5474939
- 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