

# FEDERICO MARTÍN CORALLINI

## Backend Developer

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🌐 <https://github.com/FedericoCorallini>



## PROFESSIONAL PROFILE

I am a fourth-year Systems Engineering student, committed to my professional development and motivated to contribute my skills in order to provide software solutions that generate a significant impact. I am especially interested in joining leading technology and innovation companies, where I seek to be part of dynamic environments that promote creativity and excellence.

## PROJECTS

### Procurement Management System

🌐 <https://github.com/FedericoCorallini/gestion-adquisiciones>

Procurement management application for research projects, where users can create, list, update and delete different types of acquisitions associated with multiple sources of funding. Role-based authentication determines users' access to different data and functionalities

- RESTful API built using **Java** and **Spring Boot**
- **MySQL** database
- Interactive user interface developed in **React**
- Integration with **Keycloak** for user authorization and authentication
- **Docker** for containerization
- Design patterns were implemented to enhance code quality and system scalability

### Banking App

🌐 <https://github.com/FedericoCorallini/banco-sparta>

This project involved developing an application for a bank, where user registration and the opening of an associated bank account take place. Through the user interface, the client can check the transactions linked to their account, make deposits and transfers, and generate a security token to validate operations

- RESTful API built using **Java** and **Spring Boot**
- The frontend was implemented in **React**
- Utilization of **MySQL** database
- User authentication and authorization through **Keycloak**
- Design patterns were applied to improve code quality and system scalability

## ACADEMIC ACTIVITIES

### Open Innovation Laboratory (LINA)

**Universidad Tecnológica Nacional (UTN)**

📅 05/2024

Active member of the development team with a comprehensive focus on the entire software lifecycle

- Needs analysis and requirements elicitation
- Backend developer in Java
- Collaborative work in multidisciplinary teams

## TECHNOLOGIES

**Java**

**Spring Boot**

**SQL**

**Docker**

**HTML**

**CSS**

**Javascript**

**React**

**Git**

**GitHub**

## LANGUAGES

**English**

Upper intermediate

## EDUCATION

### Systems Engineering

**Universidad Tecnológica Nacional (UTN)**

📅 2021 - Present

### Medical Doctor

**Universidad Nacional de La Plata**

📅 2008 - 2016

## EXPERIENCE

### Medical Auditor

**Hospital Italiano La Plata**

📅 11/2021 - Present

### Ophthalmology Resident

**HIGA San Martín**

📅 06/2019 - 06/2021

### Anesthesiology Resident

**Hospital Ramos Mejía**

📅 06/2017 - 12/2018

### Paramedic

**UDEC medical emergencies**

📅 01/2016 - 01/2017