# **Mateo Giuffra**

**Full Stack Developer | Java | Spring Boot | Python | FastAPI | React | SQL | MongoDB** 📍 Buenos Aires, Argentina  
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## **Professional Profile**

Full Stack Developer with a solid academic background and experience building complete web applications.  
Specialized in **Java (Spring Boot)** and **Python (FastAPI)**, applying **SOLID principles**, **Clean Architecture**, and **automated testing** methodologies.  
Skilled in developing **scalable and secure** applications from backend to frontend using **React, Next.js**, and databases such as **PostgreSQL, MongoDB, and Firebase**.  
Focused on **code quality, cloud deployment**, and **efficient system design** with Docker and CI/CD pipelines.

## **Technical Skills**

**Languages:** Java, Python, JavaScript, TypeScript, C++  
**Backend:** Spring Boot, FastAPI, Flask, Node.js  
**Frontend:** React, Next.js, Astro, HTML, CSS, Tailwind  
**Databases:** PostgreSQL, MySQL, MongoDB, Firebase/Firestore, Neo4j  
**Infrastructure:** Docker, CI/CD Pipelines, Render  
**Testing:** Pytest, Mockito, JUnit, Integration & e2e Tests  
**Architecture:** Clean Architecture, MVC, REST API, JWT Authentication  
**Tools:** Git, Gradle, Poetry, pnpm, IntelliJ IDEA, VS Code  
**Other:** Pandas, Selenium, Google Sheets API, AOP, Scheduling, Concurrency

## **Highlighted Projects**

**FastAPI User Management API** — *Python | FastAPI | SQLAlchemy | Docker | Pytest* REST API for user management with secure JWT authentication using HttpOnly cookies.  
 Implements Clean Architecture, dependency injection, and automated testing with Pytest.  
 **Stack:** FastAPI, SQLAlchemy, Alembic, Docker, JWT  
 **Demo:** [fastapi-api-rest-8jle.onrender.com/docs](https://fastapi-api-rest-8jle.onrender.com/docs)

**Football API** — *Spring Boot | Clean Architecture | JWT | Concurrency*Spring Boot REST API for football data with layered architecture and testing using Mockito.  
Implements concurrent scraping, caching, and authentication with Spring Security.  
**Stack:** Spring Boot, JPA, Security, AOP, Scheduler, Docker  
**Demo:** [football-unq.onrender.com](https://football-unq.onrender.com/)

**Telegram OCR Bot** — *Flask | Pandas | Google Sheets API*Flask API integrated with a Telegram bot that processes receipts using OCR and uploads results to Google Sheets.  
**Repo:** [github.com/MateoGiuffra/finance-bot](https://github.com/MateoGiuffra/finance-bot)

**Concurrent Image Processing** — *Java Multithreading*Academic project applying affine transformations on images using multithreading and synchronization.  
**Repo:** [github.com/MateoGiuffra/tp-concurrente](https://github.com/MateoGiuffra/tp-concurrente)

## **Education**

**Technical Degree in Programming** — Universidad Nacional de Quilmes (UNQ)  
 📆 *2022 – Present*

## **Languages**

* **Spanish:** Native
* **English:** Intermediate Technical