

FRANCISCO PEDROSA | Fullstack Developer

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Professional Profile

Fullstack Developer with strong academic background and hands-on experience in web projects. Specialized in Angular, Node.js, Express, and SQL, with the ability to build secure, scalable applications focused on user experience. Recognized for an analytical mindset, commitment to code quality, and results-oriented approach. Seeking to join a dynamic team where I can deliver concrete solutions, continue learning from experienced professionals, and contribute to business growth.

Education

Associate Degree in Programming – National Technological University (UTN), 2023–2024

React Course – CoderHouse, 2025

Advanced Backend Development – CoderHouse, 2025

Electromechanical Engineering – UNMdP, 2019–2021 (12 courses completed)

Highlighted Projects & Experience

E-commerce Freelance: Developed with Angular (frontend) and Node.js + Express (backend), using MySQL as the database. Implemented a product catalog with category navigation, secure login with JWT and password encryption, shopping cart, and checkout. Includes an admin panel with product CRUD, user management, sales reports, and charts for metrics analysis. Applied best practices such as modular architecture, and Angular Lazy Loading to improve performance.

Institutional Website – Rugby Club: Responsive site built with Angular and Node.js. Features live match updates via real-time APIs and WebSockets, member management with registration and profile administration, and an online store with a shopping cart. Developed an admin panel for CRUD of matches, news, banners, and products. Optimized with mobile-first design, frontend/backend layer separation, and reusable Angular components.

Home Banking (Academic): Project developed with Angular 18, Express, Knex, and SQL. Features include account management, balance and transaction visualization, immediate and scheduled transfers, fixed-term deposits with interest calculation, currency exchange with real-time rates, and loan requests. Security implemented with JWT, backend validations, password encryption, and automatic notifications via email and in-app alerts.

Medical Appointment Manager: Desktop application developed in Java to manage patients, doctors, and appointments. Includes login with multiple user roles, scheduling and cancellation of appointments, and agenda management. Built with object-oriented design principles, using encapsulation and inheritance for modularity and scalability.

Technical Skills

Frontend: Angular, React, TypeScript, JavaScript, HTML, CSS, Bootstrap

Backend: Node.js, Express, Knex, Java, C

Databases: SQL, MySQL, SQL Workbench

Tools: Git, GitHub, Postman, Jira, Trello, ClickUp

Languages: Spanish (Native), English (Intermediate B1/B2)

Professional Skills

Development of fullstack web applications with best practices in architecture and security.

Design of responsive and scalable interfaces, prioritizing user experience and mobile-first optimization.

Problem-solving with an analytical approach and results-oriented mindset.

Team collaboration in agile environments (Scrum/Kanban), clear communication, and proactivity.

Continuous learning and rapid adaptation to new technologies and methodologies.