

Gregorio Firmani

Software Engineer

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Software Engineer graduated from UNMdP with cross-functional experience in backend development, frontend development, and quality assurance. Built the complete backend of the GIA system using Laravel, Node.js, and automated testing with Pest PHP, and currently working as a Frontend Developer and QA on Dettron, a WMS (Warehouse Management System) in production used by leading logistics companies.

EDUCATION

Universidad Nacional de Mar del Plata

Software Engineering

- Full academic record available [here](#).

Mar del Plata, Argentina

Mar 2019 – Apr 2026

WORK EXPERIENCE

Datcom Soluciones Tecnológicas S.A.

Frontend Developer / QA Engineer

Mar del Plata, Argentina

Nov 2025 – Present

- Development of frontend components and features using React, Vite, and Tailwind CSS for Dettron, a WMS (Warehouse Management System) in production with active users.
- Design and execution of functional tests, validating critical system flows in real warehouse and distribution operation scenarios.
- Identification and reporting of defects, collaborating with the development team on resolution and follow-up.
- Incremental implementation of automated tests using Pytest on Dettron, integrating testing coverage into the team's development workflow.
- Collaboration with the product team on identifying improvements and prioritizing fixes.

Universidad Nacional de Mar del Plata

Backend Engineer / QA – Final Degree Project

Mar del Plata, Argentina

Feb 2025 – Nov 2025

- Backend development using Laravel and PHP, implementing business logic, REST APIs, and database management with MariaDB.
- Implemented real-time communication using Node.js and Socket.IO for synchronization of analytical instruments.
- Designed and implemented an automated testing strategy using Pest PHP, covering critical functionalities of the system.
- Collaborated in a team of 3 developers applying Scrum methodology, achieving an estimated 60% reduction in manual paperwork.

SKILLS AND TECHNOLOGIES

- Languages & Frameworks: PHP, Laravel, JavaScript, React, Node.js, Java
- Testing: Pest PHP, Pytest, automated testing, functional testing, test case design
- Tools & Platforms: Git, Docker, Socket.IO, MariaDB, PostgreSQL, Vite, Tailwind CSS
- Soft skills: Attention to detail, Problem solving, Agile methodologies (Scrum, Kanban) - [View certificate](#)
- English: B2 (Upper-Intermediate) - [View certificate](#)