Juan Ignacio Villanueva

Junior Web Developer | System Analyst | Computer Science Student

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Education

Universidad Nacional de Río Cuarto   Río Cuarto, Córdoba
Bachelor's Degree in Computer Science. GPA: 8.33/10   July 2026
Relevant coursework: Data Structures and Algorithms, Operating Systems, Software Engineering, Databases, Computer Networks, Artificial Intelligence.
Honors & Achievements: Competed twice in the International Collegiate Programming Contest (ICPC), regional level.

Stafford House International   London, UK
Advanced English Course (Level C1 CEFR)   February 2019 – March 2019
Study abroad experience focused on academic writing, public speaking, and multicultural communication.

Escuelas Pías   Río Cuarto, Córdoba
High School Diploma in Natural Science   December 2020
Developed strong analytical thinking, critical reasoning, and early interest in mathematics and computing.

Experience

Facultad de Ciencias Económicas, UNRC   Río Cuarto, Córdoba
Full Stack CMS Developer   February 2024 – Present

- Redesigned and modernized Moodle platform UI for 3,000+ users, enhancing usability and navigation consistency across modules.
- Automated backups and server upgrades with Bash/PHP scripts triggered by cron jobs, cutting downtime by 66%.
- Resolved server issues via SSH and tuned Apache/MySQL, raising availability from 98.9% to 99.8%.
- Implemented 3 custom Moodle plugins adhering to core standards, extending functionality for user notifications and faculty-specific workflows.

Projects

- Progressive Web App for the Moodle-based e-learning platform of the Economics Faculty at UNRC. *JavaScript*
- Moodle plugin that sends email, web, and push notifications on user enrollment. *PHP*
- Personal website - juani.me. Built with HTML, CSS, JS; SEO-optimized, responsive design. *HTML*
- Meals App – Flutter app to explore categorized meals with detailed views and favorite saving. *Dart*
- Weather logger – Terminal-based weather record manager with automated backup support. *C*

For full list of public projects: github.com/JuaniV2002

Skills

Programming Languages: PHP, Java, Python, SQL, Bash.
Frameworks/Technologies: Flutter, Moodle LMS, Docker, Git.
Web Development: HTML5, CSS, Apache, MySQL.
Tools & Platforms: Linux, Firebase, SSH, GitHub.
Languages: Spanish (native), English (advanced – C1 CEFR).