Hernández Matías Jhan Carlos

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Seventh-semester Systems Engineering student at Universidad Simón Bolívar, with a strong foundation in software development and solid command of Java as a core language. Passionate about creating real-world solutions through artificial intelligence and web development. Experienced in designing and implementing full-stack applications, working on both backend and frontend using tools like Node.js, React, Express, MySQL, and Oracle. Known for being proactive, a fast learner, with strong leadership, teamwork, and effective communication skills.

EXPERIENCE

Alzak Group. — Remote.
LMS Platform Developer and Implementer (Moodle). *Jan 2025-Jun 2025*
- Deployed and customized a Moodle-based e-learning platform, including server setup, database configuration, theming, and plugin integration.
- Implemented course, user, and tracking modules; ensured operational stability, basic security, and provided initial technical training to the team.

BuildSafe — Barranquilla, Colombia.
Fullstack Developer – Academic Project. *Jan 2025–Jun 2025*
- Developed a web platform to monitor the use of PPE on construction sites, combining React, Node.js, and an AI service in Python/Flask for automatic image-based detection using YOLOv11.
- Implemented user management, report generation, and interactive dashboards, integrating Cloudinary for image storage and MySQL as the database.
- Project focused on workplace safety, following agile methodology, functional testing, and user validation.

TiendaYa. — Barranquilla, Colombia
Fullstack Developer – Academic Project. *Jun 2024–Dec 2024*
- Developed an e-commerce platform using React for local shops in Barranquilla, integrating the backend with Node.js and Express.
- Implemented RESTful services, image storage with Cloudinary, and a MySQL database.
- Project focused on promoting digital inclusion for small local businesses.

Transpormap. — Barranquilla, Colombia
Fullstack Developer – Academic Project. *Jun 2023–Dec 2023*
- Designed and developed a Java-based app that displays real-time road conditions for transport operators.
- Implemented geolocation and user reporting features using Oracle databases.
- Focused on user experience and query efficiency.

EDUCATION

UNIVERSIDAD SIMÓN BOLÍVAR — Barranquilla, Colombia
Systems Engineering *Feb 2022 – Present*

UNIVERSIDAD SIMÓN BOLÍVAR — Barranquilla, Colombia
Data Science Research Group *Feb 2025 - Present*

COMPETENCES

Java	Skilled	Git	Experienced
Python	Qualified	Agile / Scrum	Expert
NodeJs	Qualified	Teamwork	Skilled
JavaScript	Experienced	Adaptability	Experienced
React	Experienced	Problem-solving	Experienced
HTML & CSS	Qualified	Organizational skills	Expert
SQL	Skilled	Effective communication	Experienced

COURSES

Desarrollador FronEnd
Capacítate para el empleo *Mar 2025*

Agile Explorer
IBM SkillsBuild *Oct 2024*

LANGUAGES

Spanish	Native	English	Proficient