

BYRON SANTIAGO SERRANO ZAMBRANO

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PROFILE

Leader of a work cell and a Software Engineering student with experience in FullStack web development specializing in Backend. I have worked with JavaScript, TypeScript, React, React Native, Next.js, Nest.js, Node.js, Python, FastAPI, as well as SQL/NoSQL databases. Experienced in leading teams using agile methodologies and in the creation of ERP and BUS systems. Passionate about Backend, Artificial Intelligence, and data engineering, providing scalable and innovative solutions.

WORK EXPERIENCE

Technical Leader and Semi-Senior Full Stack Developer - AfifSystem S.A. **Feb 2025 - Oct 2025**

- Coordination and supervision of development teams, ensuring timely, high-quality deliveries and improving efficiency in an ERP system.
- Definition of software architecture and application of best development practices in backend and frontend projects (PHP, Laravel, JavaScript, Next.js, NestJS).
- Optimization of databases and code review to ensure efficiency, scalability, and compliance with standards.

Full Stack Developer Jr - AfifSystem S.A. **Oct 2024 - Jan 2025**

- Quality supervision in the development cycle, applying good testing and control practices.
- Design, optimization, and maintenance of databases in complex systems.
- Backend and Frontend development with PHP, Laravel, JavaScript, Next.js and NestJS, applying clean architecture principles.

Full Stack Mobile Development (Pasante) - Cooperativa Comercio **May 2024 - Jul 2024**

- Requirements analysis with real clients.
- Development of a mobile application using Flutter, focused on displaying data from a secure backend, prioritizing stability and minimal data consumption.

EDUCATION

Pontificia Universidad Católica Del Ecuador Sede Manabí (Currently studying) **2022 - 2026**

Software Engineering

Unidad Educativa Cristo Rey **2016 - 2022**

Unified General Baccalaureate

ADDITIONAL INFORMATION

- Languages: Spanish (native), English (B1+)
- Second Place: Interuniversity Hackathon PUCEM - UTM
- Member of the **IBM Talent Network**.
- Student of DataCamp and Cognitive Class digital platforms.