

ARIEL CAMPOS CHAVARRÍA

Software Engineer (Junior / Intern)

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Professional Summary

Fourth-year **Information Systems Engineering** experienced in full-stack development with **C#, TypeScript, and Laravel**. Proven record of delivering projects that **cut operational time by 40% and reduce costs by up to 80%**. Focused on building efficient, scalable, and impactful solutions.

Professional Experience

Universidad Nacional – Lanaku, Hotel Management System | May 2025 - Present

Stack: Laravel (PHP 8, Laravel 12), MySQL, REST APIs, Postman

- Built structured backend modules for hotel operations and delivered a live system used by Tourism students, bridging academic theory with real-world application.
 - Automated check-in/out and room assignment processes, reducing **operational time by 30–40%**.
 - Developed validation and policy logic to ensure data integrity, cutting room assignment and duplication errors by **approximately 50%**.
 - Replaced dependency on commercial PMS systems like Opera or Oracle, achieving an **estimated 70–80% annual cost reduction**.
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Municipality of Nicoya – ZMTMN, Citizen Portal & Admin Dashboard | January 2024 – June 2025

Stack: React (TypeScript), NestJS, REST APIs, Vite

- Built public-facing forms and administrative dashboards for maritime-zone permit management with validation, authentication, and real-time tracking.
 - Digitalized manual procedures, **reducing processing time by 40–60% and administrative costs by 20–30%** while improving transparency and workflow efficiency.
 - Implemented robust validation logic that **cut incomplete or invalid submissions by 35–45%**, enhancing the accuracy and reliability of municipal records.
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Education

Universidad Nacional (UNA) — *B.S. in Information Systems Engineering* (4th year)
2022 – Present

Certifications

- **Scrum Fundamentals Certified (SFC)** — CertiProf, 2024
 - **Forensic Computing Bootcamp** — Academia Progenios, 2025
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Technical Skills

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

Backend: C#, .NET, NestJS, Node.js, PHP, Laravel, ASP.NET

Databases: MySQL, SQL Server, MariaDB

Mobile: Flutter (Dart)

Dev Tools: Git, GitHub, Azure DevOps, Docker, Postman

Practices: REST APIs, Clean Architecture, Testing, CI/CD (basics)

Languages

- **Spanish:** Native | **English:** B1 (Reading, Writing, Speaking)