




## 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.

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### 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

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## 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)

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## Languages

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