

# Daniel Alejandro León Ortiz

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Systems Engineer with nearly 4 years of experience and Cum Laude honors. Proven track record in developing mission-critical web platforms managing 20,000+ users per semester. Expert in implementing robust testing architectures and leading development cycles within Agile environments to deliver scalable, high-performance solutions.

## PROFESSIONAL EXPERIENCE

### División de Tecnologías de la Información y la Comunicación UIS

Frontend Engineer

Bucaramanga, Colombia

March 2022 – December 2025

- Developed the frontend for the university admissions process using Angular, managing a high-traffic platform for 20,000+ candidates per semester with an intuitive, accessible interface.
- Built multiple core features for the Admissions, Inventory, and Vice-Rectorate modules, ensuring systems met specific institutional and administrative goals.
- Designed and implemented reusable components and views using Angular Material, improving development efficiency and visual consistency across different internal modules.
- Implemented comprehensive unit testing suites with Karma and Jasmine, ensuring code reliability, stability, and maintainability across all release cycles.
- Contributed actively to all Scrum ceremonies, supporting the continuous improvement of the product and the development lifecycle.

### Apl Ingeniería Ltda

Systems Engineering Intern

Bucaramanga, Colombia

November 2024 – April 2025

- Architected and developed a high-performance web platform for data analysis and KPI visualization using React and TypeScript, following Scrumban agile methodologies.
- Led frontend development by engineering responsive interfaces for authentication, RBAC (Role-Based Access Control), and interactive data dashboards using Shadcn UI and Tailwind CSS.
- Designed technical architecture and defined functional/non-functional requirements to ensure system scalability and alignment with stakeholder objectives.
- Optimized code quality and reliability by implementing a robust testing suite with Vitest, Jest, and Testing Library, reducing production bugs and ensuring component stability.

## EDUCATION

### UNIVERSIDAD INDUSTRIAL de SANTANDER

Bachelor of Engineering in Systems Engineering. GPA: 4.57 / 5.0

Honors: Cum Laude Academic Distinction.

Bucaramanga, Colombia

September 2025

### UNIVERSITY of OKLAHOMA

Academic Exchange in Computer Science. GPA: 3.75 / 4.0

Norman, Oklahoma, EE. UU.

August 2023 – December 2023

## SKILLS

**Frontend:** React, Angular, TypeScript, JavaScript, Tailwind CSS, shadcn/ui, SASS, HTML5.

**Testing:** Vitest, Jest, Testing Library, Karma, Jasmine.

**Tools & Methodologies:** Git (GitHub/GitLab), npm, pnpm, Bun, Scrum, Scrumban.

**Languages:** Spanish (Native), English (B2-C1).