

Santiago Ovalle Cortes

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Full Stack Developer with experience in building web applications, designing architectures, developing APIs, and optimizing data pipelines. I have led small teams and achieved performance improvements of up to 95%. Strong command of React, TypeScript, Python (FastAPI), Go, and SQL/NoSQL databases. Focused on delivering efficient, scalable, and well-documented solutions. Able to deliver production-ready features with measurable results

FEATURED PROJECTS

Health App SaludTrack (React, TypeScript, Tailwind)

Quindio, Colombia
July 2025 – October 2025

Tech Lead / Full Stack

- Led a team of 3 developers to create a functional prototype of a health tracking app.
- Developed user flows, architecture, and the complete design in Figma, accelerating the transition to development by 80%.
- Conducted user research and interviews to identify needs, guiding feature design and user experience optimization.

AI Bibliometric Analysis (Python, JavaScript, Vite+React)

Quindio, Colombia
August 2025 – October 2025

Full Stack Development / Data Pipeline

- Reduced processing times from 4 hours to 40 minutes through parallelization and caching (over 95% reduction).
- Built an automated pipeline that processes 1,000+ articles and generates dynamic visualizations.
- Developed the backend and interactive dashboard.

HttpaaS Orchestrator (Go, JavaScript, HTML, CSS, React)

Quindio, Colombia
September 2025 – October 2025

Full Stack Development

- Designed and implemented complete orchestrator in Go automating HTTP server provisioning on virtual environments, reducing setup time from 45 manual minutes to 2 automated minutes (95% reduction)
- Created interactive web interface in React + JavaScript displaying real-time dashboard with status of 20+ virtual machines, IP addresses, and service states

EDUCATION

UNIVERSIDAD DEL QUINDIO
Systems and Computer Engineering
Bachelor's Degree

Quindio, Colombia
February 2022 - 2026 (expected)

TECHNICAL SKILLS

- Languages: Java, Python, JavaScript, Go
- Libraries/Frameworks: React, Next.js, Tailwind CSS, FastAPI, Express
- Tools / Platform: VS Code, Git, GitHub, Figma, Docker, VirtualBox, AWS (basic use)
- Databases: MongoDB, PostgreSQL, MySQL

SOFT SKILLS

- Native Spanish and Fluent English
- Problem-solving
- Team collaboration
- Team Communication
- Technical Documentation