Diego Martínez Sandoval

Systems and Software Engineer

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GitHub • LinkedIn • Portfolio

Profile

Full-stack and systems engineer passionate about scalable solutions, distributed systems, and clean design. International academic experience at Politecnico di Milano and strong skills in collaboration, adaptability, and leadership.

Skills

Languages: C++, Java, Python, TypeScript, JavaScript, SQL, Kotlin
Frameworks: Angular, Spring Boot, Next.js, TailwindCSS
Tools: Git, Docker, Kubernetes (basic), CI/CD
Languages: Spanish (Native), English (C1), Italian (B1)
Soft Skills: Leadership, teamwork, adaptability, problem-solving

Projects

Veterinary Web App — Full-stack Angular + Spring Boot system for clinic management.
Distributed Calculator — Python-based multi-node computation platform.
Recommender System — AI-driven recommendation engine in Prolog.
ML Analytics — Data-driven insights with Scikit-learn and Pandas.
Food Delivery App (MVP) — Kotlin prototype with real-time tracking.
TSP Routing — Optimized logistics solution using graph algorithms.
Network Infrastructure — Cisco-based secure DNS-enabled setup.
Portfolio Website — React/Next.js personal site [Live Demo].

Education

Pontificia Universidad Javeriana, Bogotá, Colombia — *Expected 2025*
BSc in Systems and Software Engineering

Politecnico di Milano, Milan, Italy — *Sep 2024 – Feb 2025*
Academic Exchange Program (Machine Learning, Data Analysis)