

David Camilo Cortes Salazar

Software Engineer

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ABOUT ME

Software Engineer with a background in Computer Science and a genuine interest in system design and solving complex problems through code. I enjoy understanding the reasoning behind every technical decision, pursuing solutions that are as architecturally sound as they are simple to maintain over time.

EDUCATION

Universidad Nacional de Colombia (UNAL) Aug 2018 – Aug 2026

B.Sc. in Computer Science – Bogotá D.C, CO

Servicio Nacional de Aprendizaje (SENA) Feb 2016 – Nov 2017

Technical Certificate in Administrative Assistance – Bogotá D.C, CO

EXPERIENCE

Evolution Consulting – Software Engineer, Bogotá D.C, CO Oct 2025 – Present

- Technical point of contact for 5 client companies, leading requirements gathering, incident triage, and backlog prioritization for a Laravel application in production.
- Designed and implemented key product features end-to-end — payroll period management, approver management, and vacation request module improvements — including data modeling, state modeling, and the Strategy design pattern for a Spring Boot microservice.
- Designed parameterized, reusable SQL Server queries across multiple companies, consolidating duplicate historical records and automating integrity validation across 100% of active employees.
- Designed and developed a desktop application (React + Tauri, Python backend) that automates the generation of external Excel formats for one of the client companies.

Talentspitch – Process Automation Engineer, Bogotá D.C, CO Apr 2022 – Oct 2022

- Designed and developed Python bots that automated data retrieval, image generation, and content publishing across 5 social media platforms, cutting manual production time by approximately 85% (~8-9 hours/week).
- Orchestrated and monitored 5-8 production automation workflows with Apache Airflow, maintaining a 95% success rate through automated alerts and proactive failure tracking.
- Contributed to React frontend development for operational dashboards, replacing manual SQL queries and hand-written reports with automated visualization of key indicators for the operations team's weekly reports.

PROJECTS

Table Snap Pro Jan 2026 – Feb 2026

Extracting tables from images to Excel using AI

- Implemented a multi-model AI vision pipeline with automatic fallback — if one model is unavailable, the system switches to another — using exclusively free-tier models.
- Built a responsive web interface with image upload and preview, table extraction, and automatic Excel (.xlsx) file generation for download.

SKILLS

Languages: Python, JavaScript, PHP, Java, SQL, Go, C++

Frameworks: Laravel, Spring Boot, React, Next, Pandas, Scikit-learn

Infrastructure: Docker, Terraform, Prometheus, AWS