



JIMENA CHINCHILLA

Software | Artificial Intelligence engineer

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SUMMARY

Software & AI Engineer specializing in full-stack development, machine learning, and AI-powered applications. Experienced in designing scalable software, automation platforms, and intelligent systems for startups and enterprises

TECHNICAL SKILLS

AI/ML: LLMs, RAG, AI Agents, Machine Learning, Model Evaluation
Full-Stack: TypeScript, Python, React, Next.js, FastAPI, Node.js
Data/Cloud: PostgreSQL, Supabase, Docker, AWS, GitHub Actions
Automation: n8n, Zapier, REST APIs, Webhooks

WORK EXPERIENCE

Freelance Software Engineer | Self-employed Jan 2024 - Present

- Designed and delivered full-stack software and AI solutions for 8+ businesses, including internal dashboards, workflow automation platforms, and business management systems.
- Built and deployed scalable applications for my own ventures, supporting process automation, digital operations, and revenue-generating products. Currently contributing to an AI-powered platform for Costa Rican government and legal-sector workflows.

Software Engineer Intern (Compulsory Internship) | Snowflake | Berlin, Germany Sep 2025 - Feb 2026

- Designed and implemented automation pipeline for CVE remediation in Go, automating 66% of team CVE remediation workload and accelerated vulnerability response time.

Computer Vision Engineer Working Student, BMW | Munich, Germany Feb 2025 - Aug 2025

- Engineered real-time computer vision pipelines for environmental perception, integrating image preprocessing, deep learning inference, and performance optimization.
- Designed, trained, and evaluated CNN-based object detection models for roadway wildlife detection, supporting research into autonomous driving safety.

Full-Stack Engineer | Amherst Inc | San Jose, Costa Rica Mar 2022 - July 2023

- Collaborated with cross-functional teams to digitize and optimize internal processes, improving operational efficiency and system reliability. Built script-based automation tools for email handling, system updates, and data-processing tasks.

EDUCATION

Bachelor of Science, Artificial Intelligence Aug 2023 - June 2026
Technische Hochschule Deggendorf | Bavaria, Germany

Bachelor of Engineering, Software Engineering Jan 2020 - April 2023
Universidad Latina de Costa Rica

ADDITIONAL INFORMATION

- Languages:** English (C2), Spanish (Native), German (B1)
- Awards/Activities:** Google hackathon (3th place): Designed an AI-driven application using MedGema to assist in early breast cancer detection, focusing on accessible diagnostics and women's health.