

JIMENA CHINCHILLA

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Munich, Germany

SUMMARY

Software & AI Engineer with experience building production-ready machine learning systems, full-stack applications, and AI-powered products. Skilled in developing scalable software, automation platforms, computer vision systems, and data-driven applications from concept to deployment. Interested in AI engineering, quantitative systems, and intelligent software infrastructure.

EXPERIENCE

- Freelance Software Engineer** Jan 2024 - Present
Self-employed Munich, Germany
 - 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)** Sep 2025 - Feb 2026
Snowflake Berlin, Germany
 - Built a production-grade Go automation pipeline that reduced manual CVE remediation by **66%**, accelerating vulnerability response across engineering teams.
- Computer Vision Engineer Working Student** Feb 2025 - Aug 2025
BMW Group Munich, Germany
 - Built real-time computer vision pipelines 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** Mar 2022 - July 2023
Amherst Inc San Jose, Costa Rica
 - Maintained and enhanced Salesforce-based business applications by troubleshooting software defects, resolving production issues, and improving business workflows in collaboration with technical and operational teams.
 - Developed automation scripts and internal tools for data processing, email workflows, and system maintenance.

EDUCATION

- Technische Hochschule Deggendorf** Aug 2023 - Jun 2026
Bachelor of Science, Artificial Intelligence Bavaria, Germany
 - GPA: 2,0/5,0 German Scale
- Universidad Latina de Costa Rica** Jan 2020 - Apr 2023
Bachelor of Engineering, Software Engineering San Jose, Costa Rica
 - GPA: 91/100

SKILLS

- Programming Languages:** Python, Java, TypeScript, JavaScript, SQL, C++, Go
- AI/ML:** Machine Learning, Deep Learning, Computer Vision, LLMs, RAG, Fine-tuning (Lora/PEFT), Prompt Engineering, AI Agents, Model Evaluation
- AI Frameworks MLOps::** PyTorch, TensorFlow, Transformers, LangChain, LainGraph, MCP, Vector DBs
- Full-Stack:** React, Next.js, FastAPI, Node.js, REST APIs, GraphQL
- Data/Cloud:** Docker, PostgreSQL, Kubernetes, AWS, Supabase, GitHub Actions, CI/CD, Azure
- Automation:** n8n, Zapier, Webhooks
- Quantitative Methods:** Statistics, Probability, Time Series Analysis, Optimization, Financial Risk Analysis

ADDITIONAL INFORMATION

Languages: English (C2), Spanish (Native), German (B1), French (A2)

Awards: Google Hackathon (3th place): Designed an AI-driven application using MedGemma to assist in early breast cancer detection, focusing on accessible diagnostics and women's health