

Guilherme Loges

Full-Stack Software Engineer · AI/ML

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EDUCATION

University of Colorado Boulder

Expected Dec 2026

B.S. Computer Science, Machine Learning Specialization

Dean's List: Spring 2024 · Coursework: Machine Learning, Computer Vision, Intro to AI, Advanced Data Science

SKILLS

Engineering: Python, C++, JavaScript, React, Node.js, NestJS, Express.js, PostgreSQL, Docker, REST APIs, Git, Linux

Mobile: Expo (React Native), Android (Kotlin)

AI / LLM: Gemini API, ChatGPT API, LangChain, LLMWhisperer, RAG, vector databases, TensorFlow, PyTorch, scikit-learn

Data Science: NumPy, pandas, matplotlib, OpenCV, data preprocessing & analysis

Languages: Portuguese (Native), English (Fluent), Spanish (Fluent)

EXPERIENCE

Volix *Pricing Machine Learning Intern*

Jun 2025 – Aug 2025 · São Paulo, Brazil

- Raised ML model accuracy from 62% to 87% through targeted data augmentation strategies
- Engineered automated PDF-to-table pipeline using Gemini API and LLMWhisperer, cutting manual data processing by 50%

Munai AI Healthcare *Software Engineer Intern (ML Systems)*

Jun 2024 – Jul 2024 · Curitiba, Brazil

- Built voice-to-text medical assistant using ChatGPT API and LangChain to chain speech transcription with LLM processing, reducing doctor report writing time 10x (30 min → 3 min); deployed at Hospital de Olhos do Paraná

PROJECTS

Recurra – Loyalty Platform for Local Businesses

May 2025 – May 2026

React · Expo · NestJS · Prisma · PostgreSQL · Android (Kotlin) · AWS CDK · Docker · Nx Monorepo

- Developed user profile functionality and integrated it with the backend to retrieve and display account and loyalty data
- Contributed to a multi-platform system with 180+ deployments on AWS, including web dashboard, mobile app, and native Android Clover POS app

Eye Mouse – Computer Vision Accessibility Tool

Jul 2025

Python · OpenCV · PyQt6 · NumPy · Haar Cascades

- Built hands-free mouse control system using real-time Haar Cascade eye tracking, achieving sub-50ms latency with a multithreaded PyQt6 GUI and live webcam feed

Stonks – Full-Stack Paper Trading Platform

Mar 2024

React · Node.js · Express · PostgreSQL · Flask · Docker · Chart.js

- Built stock trading simulator with a team of 5 — authentication, portfolio tracking, real-time Yahoo Finance/Finnhub data, and optimized PostgreSQL leaderboard in a Dockerized architecture

LEADERSHIP

BRASA – Brazilian Student Association *Director of Finance*

Jul 2024 – Feb 2026 · Boulder, CO

- Managed budgets and produced financial reports for a 100+ member organization