

YAGO COSTA AYALA

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[LinkedIn](#) · [GitHub](#) · [Portfolio](#) · Available for US Remote

SUMMARY

- **5+ years** building scalable full-stack apps, cloud systems, and **AI-powered solutions**
- Expert in **Go**, **TypeScript**, **Python**, **React**, **AWS**, and **GCP**
- Currently building production AI features with **OpenAI**, **GPT-4**, **LLMs**, and **Hugging Face**
- Proven impact: **\$800K+ monthly savings**, **600K+ integrations fixed**, **1,000+ client migrations**

SKILLS

Languages	Go · JavaScript · TypeScript · Python · PHP · C# · SQL · HTML · CSS
Frontend	React · Next.js · Vue.js · React Native · Redux · Tailwind CSS
Backend	Node.js · Express.js · RESTful APIs · GraphQL · Microservices · Laravel
AI / ML	OpenAI API · GPT-4 · LLMs · Hugging Face · Prompt Engineering · RAG
Cloud	AWS (EC2, Lambda, S3, ECS) · GCP (Dataflow, Firestore, Pub/Sub) · Docker
Databases	PostgreSQL · MySQL · MongoDB · Redis · DynamoDB · Elasticsearch
Practices	Agile · Scrum · TDD · SOLID · CI/CD · Code Review · System Design

EXPERIENCE

AI Software Engineer

Nov 2025 – Present

Clinicorp LTDA · Jaragua do Sul, Brazil

- Build AI features with **OpenAI**, **GPT-4**, and **Hugging Face** serving **thousands of users**
- Design **custom memory management** and context persistence for conversational AI
- Implement **Thompson Sampling** for A/B testing and prompt optimization
- Integrate LLM services with **Python**, **Node.js**, and RESTful APIs

Senior Software Engineer

Apr 2024 – Nov 2024

LIVE Roupas Esportivas · Jaragua do Sul, Brazil

- Redesigned e-commerce returns module, achieving **\$800K+ USD monthly savings**
- Fixed sales commission bug, eliminating **\$10K+ monthly discrepancies**
- Resolved **600K+ failed integrations** in one week via code refactoring
- Architected **AWS infrastructure** and real-time **WebSocket** payment systems

Mid-Level Software Engineer

Dec 2022 – Mar 2024

Clinicorp LTDA · Jaragua do Sul, Brazil

- Reengineered data pipelines with **Go** and **Node.js**, achieving **40% throughput boost**
- Led zero-downtime migrations for **1,000+ enterprise clients**
- Optimized **GCP infrastructure**, reducing cloud costs by **25%**

Junior Software Engineer

Feb 2022 – Nov 2022

UpFlux Smart Process · Jaragua do Sul, Brazil

- Built microservices in **Go** and **C#** using SOLID principles
- Established **CI/CD pipelines** with SonarQube, achieving **90%+ code coverage**

Junior Software Engineer

Feb 2021 – Sep 2021

Devhero Servicos Online · Jaragua do Sul, Brazil

- Built **TypeScript** and **Node.js** integrations with full test coverage
- Developed **Vue.js** components and led code review practices

EDUCATION

B.S. Software Engineering

Centro Universitario Catolica de Santa Catarina · Graduated Dec 2024

CERTIFICATIONS

- **AWS Certified Developer Associate** - In Progress (Expected 2025)
- Data Structures & Algorithms (2025)
- Go Programming Language (2023)
- Node.js Advanced (2023)
- React.js & Next.js Advanced (2023)
- Docker for Developers (2022)

Open to US Remote · Available Immediately