



Mario Callejas

DEVELOPER

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Quick profile 🙌

Hey :) I'm Mario Callejas, a technologist who loves creating beautiful, useful products that meet business needs and perform flawlessly. I believe in human excellence and set a high bar for myself and those around me who share the same mission.

When I'm not building things, I try to reconnect with the simple things in life, like being out in nature, away from screens, and being present.

Employment 💼

HeyAudio: Founding AI Engineer Aug 2023 - Now

Built and deployed AI-powered features using Python/Django, LLMs, and vector databases, implementing retrieval-augmented generation (RAG) for context-aware responses. Fine-tuned large language models with LoRA and trained classification models for domain-specific tasks. Owned MLOps pipelines for model evaluation, versioning, deployment, and monitoring, with accuracy, latency, and inference cost as core constraints.

ArribaTec: Core Engineer Jan 2022 - Aug 2023

Owned Azure DevSecOps pipelines and secured all services behind VPN access in Azure. Shipped secure full-stack features using test-driven development (TDD) with Jest across React (Redux)/React Native, Node.js, MongoDB (Mongoose), and Next.js (customer dashboard).

PayCertify: Sr. Full-stack Dev. Aug 2018 - Jan 2022

Shipped full-stack features across a Ruby on Rails/PostgreSQL API and Ember.js frontend, applying security best practices and comprehensive unit and acceptance testing with QUnit. Used Mirage to develop frontend features before backend APIs were available.

TechData: Sr. Frontend Eng. Aug 2014 - Aug 2018

Led the company's design system using Atomic Design principles while building and scaling high-traffic Angular/.NET e-commerce applications, with performance and reliability as core constraints.

Skills

Fundamentals

Data structures and algorithms
Linux/MacOS
Computer networks
Bash/Make
Vim

Backend

Node.js/Bun/FastAPI
Typescript/JavaScript/Python/Dart/Go/Ruby
MySQL/PostgreSQL/MongoDB/CosmosDB
Redis/Elasticsearch/Qdrant
Nginx/Caddy
Sharding/Partitioning/Materialized views
Pub/Sub event-driven architecture

Frontend

HTML/Pug/CSS/PostCSS/SASS
React/Ember/Angular
Tailwind CSS
BEM

Security

XSS (stored/reflected)
CSRF/SSRF
SQL Injection/DDoS
Nmap
Session Hijacking
Clickjacking
VPN networks

Mobile development

Flutter/React Native

Testing

Unit testing (Mocha, Jest, Sinon, Qunit)
E2E testing (Selenium, Nightwatch)

DevOps

Load balancing
Reverse Proxies (Nginx, F5)
GitOps
Docker Compose/Swarm
Kubernetes
TerraForm

AI

Fine-tuning (LoRA/QLoRA)
vLLM (serving with GPUs)
llama.cpp/Ollama (CPU)
PromptFoo (prompt eng.)
Rag (sparse/dense)
Qdrant (vector DB)
Ragas (RAG eval)
LiteLLM (unified wrapper/cost control)
LangSmith/LangFuse (eval/monit)
Agno, CrewAI and LangChain (frameworks)
MCP