Alex Martinez

Full-Stack Engineer · Data Platforms · Cloud Infrastructure

aalexmrt.pro · alexmartinez.mm98@gmail.com · github.com/aalexmrt · linkedin.com/in/alexmartinez598

Summary

Full-stack engineer with 4+ years of experience building data platforms and backend systems. My work spans event-driven architectures, cloud deployments, and integrating AI capabilities into production applications. Currently building developer analytics tools at OpenQ Labs.

Experience

Full Stack Engineer   Nov 2024 - Present
OpenQ Labs   *Germany (Remote)*

- Built developer analytics platforms processing 10M+ GitHub events across 50K+ repositories, powering insights for technology adoption tracking and developer discovery.
- Redesigned Kafka pipelines with 25 concurrent consumers per topic, reducing ingestion latency by 40% and enabling real-time data synchronization across 12+ microservices.
- Contributed to NL-to-SQL AI system using Gemini 2.5 Flash, implementing query optimization rules that achieved sub-300ms execution with zero database timeouts.
- Built Go and TypeScript synchronization services ensuring data consistency across MongoDB and PostgreSQL, handling 100K+ daily sync operations with retry logic and saga patterns.
- Automated multi-environment CI/CD with Helm and GitHub Actions, deploying to GKE Autopilot with automated rollbacks and health checks across dev/staging/prod.
  Technologies: TypeScript, Go, Next.js, Node.js, Kafka, PostgreSQL, MongoDB, Prisma, Docker, Helm, Kubernetes

Full Stack Engineer   Oct 2023 - Nov 2024
Stackless Data   *San Francisco, CA (Remote)*

- Built enterprise data platform integrating Fivetran, Snowflake, and GoodData, enabling automated ETL pipelines that reduced client data onboarding time from weeks to days.
- Developed LangGraph-based AI agent with ReAct reasoning for natural language data analysis, supporting real-time WebSocket streaming and persistent conversational memory.
- Implemented multi-tenant FastAPI backend with dynamic dbt model generation, RBAC enforcement, and AWS Cognito authentication serving 20+ enterprise clients.
  Technologies: FastAPI, TypeScript, React, Express, Docker, Snowflake, Fivetran, PostgreSQL, LangGraph, dbt, BI tools

Software Engineer   Sept 2020 - May 2023
Pal Robotics   *Barcelona, Spain*

- Built Python automation tools and CI/CD pipelines (Jenkins, GitHub Actions) that reduced deployment time by 60% and improved release reliability across the robotics platform.
- Developed Docker-based build systems and internal tooling that standardized development environments for a team of 15+ engineers.
  Technologies: Python, Docker, Git, GitHub CI/CD, Jenkins, Bash

Education

A.S. Web Development & Microcomputer Systems | FP Llefià | Barcelona, Spain | 2022

Technical Skills

React, Next.js, TypeScript, Node.js, Fastify, Express, Go, Python, PostgreSQL, MongoDB, Snowflake, Kafka, Docker, Kubernetes, Helm, AWS, GCP