

Alex Rivera

SENIOR SOFTWARE ENGINEER · PLATFORM & INFRASTRUCTURE

Lima, Peru

📞 (+51) 900 000 000 | ✉ alex.rivera@example.com | 🏠 alexrivera.example.com | 🌐 alex-rivera-example | 🌐 alex-rivera-example

“Make it work, make it right, make it fast.”

Summary

Software engineer with nine years of experience building and operating developer platforms, internal tooling and high-throughput APIs. Comfortable across the stack but happiest where infrastructure meets product: build systems, CI/CD, observability and the kind of automation that lets small teams ship like large ones. Led the migration of a 40-service monolith to Kubernetes, cut cloud spend by a third and mentored a dozen engineers along the way.

Work Experience

Northwind Technologies

Lima, Peru (remote)

SENIOR SOFTWARE ENGINEER, PLATFORM

Mar. 2022 - Present

- Designed and operated the internal build platform used by 120 engineers, compiling 15k jobs per day in ephemeral, network-isolated containers.
- Introduced content-addressed caching for build artifacts, reducing median CI time from 14 to 6 minutes and infrastructure cost by 31%.
- Owned the on-call rotation for the platform team; drove the incident review process and brought the yearly change-failure rate below 5%.
- Mentored four engineers through promotion and ran the platform team's hiring loop.

Contoso Payments

Santiago, Chile

SOFTWARE ENGINEER

Jan. 2018 - Feb. 2022

- Led the migration of a monolithic payments backend to 40 services on Kubernetes with zero customer-facing downtime.
- Built the settlement reporting pipeline (Go, PostgreSQL, Kafka) that reconciles 2M transactions per day with downstream banks.
- Wrote the Terraform modules and GitOps workflow adopted as the company standard across three cloud accounts.
- Implemented structured logging and distributed tracing across all services, cutting mean time to resolution by half.

Fabrikam Studio

Lima, Peru

BACKEND DEVELOPER

Jan. 2016 - May. 2018

- Developed REST APIs in Node.js and Python for e-commerce clients handling seasonal traffic peaks of 3k requests per second.
- Set up the agency's first continuous delivery pipeline with Docker and automated database migrations.
- Introduced automated testing practices that raised coverage from 10% to 75% on the main product.

Skills

Languages	Go, TypeScript, Python, SQL, Bash
Infrastructure	Kubernetes, Docker, Terraform, AWS, GCP, Linux
Data & Messaging	PostgreSQL, Redis, Kafka, ClickHouse
Practices	CI/CD, GitOps, Observability, Incident Management, Technical Writing
Spoken Languages	Spanish (native), English (fluent), Portuguese (intermediate)

Education

Universidad Nacional de Ejemplo

Lima, Peru

B.SC. IN SYSTEMS ENGINEERING

Mar. 2011 - Dec. 2015

- Graduated with honours; thesis on distributed job scheduling for heterogeneous clusters.
- Teaching assistant for Operating Systems and Computer Networks.

Cloud Native Computing Foundation

Online

CERTIFIED KUBERNETES ADMINISTRATOR (CKA)

2021