

ALEX RIVERA

Senior Software Engineer – Platform & Infrastructure

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EXPERIENCE

Senior Software Engineer, Platform

Northwind Technologies

[Mar 2022 – Ongoing](#) [Lima, Peru \(remote\)](#)

- Designed and operated the internal build platform used by 120 engineers, running 15k isolated build jobs per day.
- Introduced content-addressed caching for build artifacts, cutting median CI time from 14 to 6 minutes and infrastructure cost by 31%.

Software Engineer

Contoso Payments

[Jun 2018 – Feb 2022](#) [Santiago, Chile](#)

- 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) reconciling 2M transactions per day.

Backend Developer

Fabrikam Studio

[Jan 2016 – May 2018](#) [Lima, Peru](#)

- Developed REST APIs in Node.js and Python for e-commerce clients handling 3k requests per second at peak.
- Set up the agency’s first continuous delivery pipeline with Docker and automated migrations.

PROJECTS

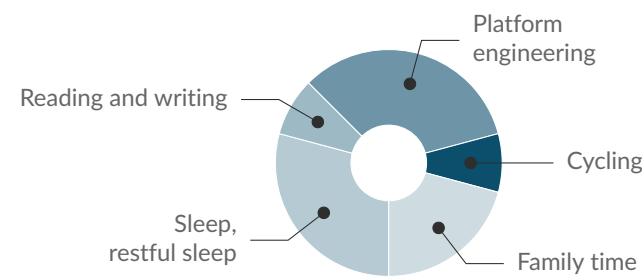
Open-source $\LaTeX$ compilation service

Personal project

[2025 – Ongoing](#)

- HTTP API that compiles $\LaTeX$ projects inside sandboxed containers, with a content-addressed cache and structured diagnostics.

A DAY OF MY LIFE



MOST PROUD OF

Zero-downtime migration
40 services moved to Kubernetes without a single customer-facing incident

31% lower cloud bill
through artifact caching and right-sizing of build runners

Mentoring
Four engineers mentored through promotion in two years

STRENGTHS

Build systems Kubernetes
Observability Incident response

Go TypeScript Python
PostgreSQL Terraform

LANGUAGES

Spanish ● ● ● ● ●

English ● ● ● ● ●

Portuguese ● ● ● ● ●

EDUCATION

B.Sc. in Systems Engineering

Universidad Nacional de Ejemplo

[Mar 2011 – Dec 2015](#)

Thesis: distributed job scheduling for heterogeneous clusters.

Certified Kubernetes Administrator

Cloud Native Computing Foundation

[2021](#)

REFEREES

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[@ Example Labs](#)

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Platform Engineering, Berlin, Germany