

Alex Rivera

Backend Engineer

Chicago, IL • alex.rivera@example.com • (312) 555-0142 • alexrivera.example.com

PROFILE

Backend engineer with 8 years of experience building payment and logistics systems in Python and Go. Comfortable owning a service from design to on-call, and at my best on high-volume, event-driven platforms.

EXPERIENCE

Senior Backend Engineer / Lumen Logistics

2021 - present

Chicago, IL

- Rebuilt the shipment tracking service in Go, cutting p95 latency from 900 ms to 180 ms at 40 million events a day.
- Designed the Kafka event pipeline that replaced nightly batch jobs, so customers see status changes within seconds.
- Led a team of four engineers and introduced design reviews and on-call runbooks; paging incidents fell by 60%.
- Moved 30 services from EC2 to Kubernetes on AWS with no customer-facing downtime.

Backend Engineer / Harbor Payments

2017 - 2021

Chicago, IL

- Built card payment and refund APIs in Python (Django) handling \$2 billion in annual volume.
- Added idempotency keys and retry-safe webhooks, ending duplicate charges during partner outages.
- Wrote the PostgreSQL partitioning plan that kept the ledger fast past 1 billion rows.
- Mentored three junior engineers, two of whom were promoted within a year.

PROJECTS

queuwatch / Open-source Go tool that alerts on consumer lag in Kafka and RabbitMQ; used in production by several teams.

SKILLS

Languages	Go, Python, SQL, TypeScript
Infrastructure	PostgreSQL, Kafka, Redis, Docker, Kubernetes, AWS, Terraform
Practices	API design, event-driven architecture, observability, incident response, mentoring

EDUCATION

B.S. in Computer Science / Lakeshore University

2013 - 2017

Chicago, IL