

Alex Rivera

SENIOR PRODUCT ENGINEER

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ABOUT

Platform-minded software engineer with **5+ years** shipping ownership systems, **GraphQL** services, and reliable product infrastructure. Comfortable owning ambiguous problems end-to-end — from schema design and auth to **billing**, observability, and mentoring junior engineers.

EXPERIENCE

Senior Product Engineer

Mar 2024 – Present

Orbit Systems · San Francisco, CA · Full-time

- Led **GraphQL** federation across 6 services, cutting p95 API latency by **33%** and removing two hand-rolled BFF layers.
- Built role-aware onboarding used by **40+ PMs**; cut time-to-first-insight from 2 weeks to 2 days.
- Shipped self-serve plan changes with **Stripe** webhooks, reducing billing support tickets **18%**.
- Ran weekly design reviews for 3 engineers; introduced RFC template now used org-wide.

Product Engineer

Jan 2022 – Feb 2024

Orbit Systems · San Francisco, CA · Full-time

- Designed websocket fan-out for collaborative boards serving **12k** concurrent editors.
- Migrated auth to session + OAuth with audit logs; closed **14** high-severity findings from pen test.
- Partnered with design on empty-state and error UX that lifted activation **9%**.

Software Engineer

Jun 2020 – Dec 2021

Fieldnote · Remote · Full-time

- Shipped role-aware OKR dashboards for enterprise customers across 3 plan tiers.
- Cut flaky E2E failures **60%** with quarantine + shard retries; preview deploys under 8 minutes.
- Built CSV import pipeline processing **2M** rows/night with idempotent upserts.

Software Engineering Intern

May 2019 – Aug 2019

Northwind Labs · Berkeley, CA · Internship

- Prototyped document search with **Elasticsearch**; improved internal findability for 200+ research notes.
- Added typed API clients and snapshot tests for the Python data-service SDK.

SKILLS

Languages — TypeScript, Python, SQL, Go, HTML/CSS

Frontend — React, Next.js, Tailwind, Vite, Storybook

Backend & Data — Node.js, GraphQL, PostgreSQL, Redis, Prisma, Kafka

Cloud & Ops — AWS, Docker, Terraform, GitHub Actions, Datadog, Sentry

Practices — System design, RFCs, mentorship, incident response, accessibility

SELECTED WORK

Ledger Lite ledgerlite.dev · GitHub

Next.js, PostgreSQL, Stripe, Playwright

- Personal finance tracker with shared budgets, receipt OCR, and household permissions.
- Open-sourced import adapters for Mint and CSV banks; **1.2k** GitHub stars.

Schema Garden schemagarden.dev · GitHub

Go, PostgreSQL, React

- Visual schema explorer for Postgres with diff previews and safe migration suggestions.

EDUCATION

University of California, Berkeley

Aug 2016 – May 2020

B.S. Computer Science · Berkeley, CA