

Ada Lovelace

Senior Software Engineer

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Summary

Senior engineer with 8+ years building distributed systems and developer platforms. Led the redesign of a payments pipeline processing \$2B annually, cutting latency 40% and cost 30%. Passionate about systems that scale cleanly and teams that ship calmly.

Experience

Senior Software Engineer2023 - Present
AnthropicSan Francisco

- Led the design of a streaming inference pipeline serving 1M+ daily requests at p99 < 80ms.
- Cut inference cost 38% by re-architecting the model router on a tiered GPU fleet.
- Mentored 4 engineers; established the team's on-call runbooks and incident review process.

Software Engineer2020 - 2023
StripeRemote

- Shipped the payment-intents retry engine, reducing failed-charge leakage by 22%.
- Owned the idempotency layer across 4 services handling \$2B+ in annual volume.

Projects

OpenMetrics2022 - Present
Side Project

Open-source Prometheus-compatible metrics aggregator.

- 1.2k GitHub stars; adopted by 3 mid-size companies.

Skills

Languages: TypeScript, Go, Python, Rust

Infrastructure: Postgres, Kubernetes, Terraform, Redis

Domains: Distributed Systems, LLM Infra, Payments

Education

B.S. Computer Science2012 - 2016
Stanford UniversitySystems & AI

Certifications

AWS Solutions Architect — Professional

Languages

English: Native

Mandarin: Professional