

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 Engineer at *Anthropic* 2023 - Present

San 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 Engineer at *Stripe* 2020 - 2023

Remote

- 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

OpenMetrics at *Open-source Prometheus-compatible metrics aggregator.* 2022 - Present

- 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 Science at *Stanford University* 2012 - 2016

Systems & AI

🏆 CERTIFICATIONS

AWS Solutions Architect — Professional

🌐 LANGUAGES

English Native

Mandarin Professional