

Ada Lovelace

Senior Software Engineer

✉ ada@example.com 📞 +1 (555) 123-4567 📍 San Francisco, CA 🔗 GitHub 🔗 LinkedIn

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 <i>Anthropic</i>	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 <i>Stripe</i>	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 <i>Open-source Prometheus-compatible metrics aggregator.</i>	2022 - Present
• 1.2k GitHub stars; adopted by 3 mid-size companies.	

Skills

Languages: TypeScript, Go, Python, Rust	Domains: Distributed Systems, LLM Infra, Payments
Infrastructure: Postgres, Kubernetes, Terraform, Redis	

Education

B.S. Computer Science <i>Stanford University</i>	2012 - 2016 Systems & AI
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Certifications

AWS Solutions Architect — Professional

Languages

English	<i>Native</i>
Mandarin	<i>Professional</i>