stripe JOBS

Roles at Stripe / Role details

Software Engineer, Machine Learning Infrastructure

🏢 **Office locations**
Chicago, or Toronto

👤 **Remote locations**
Remote in United States

👥 **Team**
Data & Data Science

🕐 **Job type**
Full time

Apply for this role

Who we are

About Stripe

Stripe is a financial infrastructure platform for businesses. Millions of companies—from the world's largest enterprises to the most ambitious startups—use Stripe to accept payments, grow their revenue, and accelerate new business opportunities. Our mission is to increase the GDP of the internet, and we have a staggering amount of

work ahead. That means you have an unprecedented opportunity to put the global economy within everyone's reach while doing the most important work of your career.

About the team

The Machine Learning Infrastructure group at Stripe aims to provide state of the art infrastructure and support for building and operationalizing AI/ML models for all business verticals within the company, including but not limited to models that mitigate risks across Stripe's products and services globally, and models that help our customers to fight fraud by leveraging Stripe's user facing products like Radar and Identity. ML is a top priority for Stripe in the coming years. With the phenomenal developments happening in the field of AI, we are positioned to accelerate the adoption of AI/ML across all parts of the company by building highly scalable and reliable foundational infrastructure.

What you'll do

You will work closely with machine learning engineers, data scientists, and platform infrastructure teams to build the powerful, flexible, and user-friendly systems that substantially increase **ML-Ops** velocity across the company.

Responsibilities

Building powerful, flexible, and user-friendly infrastructure that powers all of ML at Stripe.

Designing and building fast, reliable services for ML model training and serving, and scaling that infrastructure across multiple regions.

Creating services and libraries that enable ML engineers at Stripe to seamlessly transition from experimentation to production across Stripe's systems.

Pairing with product teams and ML engineers to develop easy-to-use infrastructure for production ML models.

Who you are

We're looking for people with a strong background or interest in building successful products or systems; you're passionate about solving business problems and making impact, you are comfortable in dealing with lots of moving pieces; and you're comfortable learning new technologies and systems. Many of our engineers work remotely from both the US and Canada, and we'd be happy to talk to you about the possibility of working remotely.

It's not expected that any single candidate would have expertise across all of these areas. For instance, we have wonderful team members who are really focused on their customers' needs and building amazing user experiences, but didn't come in with as much systems knowledge.

Minimum requirements

Over five years of experience building software applications in large scale distributed systems.

A strong sense of curiosity and a desire to both learn and share knowledge with your peers. We like to work in a collaborative environment and hope you do too.

A solid engineering background and experience with infrastructure and/or distributed systems. You'll work mostly in Python and Java but we care more about your general engineering skills than your knowledge of a specific language.

Familiarity with the full life cycle of software development, from design and implementation to testing and deployment.

Experience with building and maintaining high availability, low latency systems, especially with respect to reliability, testing, and observability.

A sense of pragmatism: you know when to aim for the ideal solution and when to adjust course.

Preferred qualifications

Over 2 years of experience supporting Machine Learning Infrastructure.

Experience optimizing the end-to-end performance of distributed systems.

Experience training and shipping machine learning models to production to solve critical business problems.

Hybrid work at Stripe

Our Chicago, Dublin, and Singapore teams spend at least 50% of their time in their local offices. We believe that more in-person interactions will contribute to better results for our employees and Stripe. Increased office time allows for improved collaboration, efficiency, and informal learning opportunities, fostering a stronger community and building our culture. We will apply the insights gained from these initial three locations to continue refining our hybrid approach.

Pay and benefits

The annual US base salary range for this role is $163,100 - $244,700. For sales roles, the range provided is the role's On Target Earnings ("OTE") range, meaning that the range includes both the sales commissions/sales bonuses target and annual base salary for the role. This salary range may be inclusive of several career levels at Stripe and will be narrowed during the interview process based on a number of factors, including the candidate's experience, qualifications, and location. Applicants interested in this role and who are not located in the US may request the annual salary range for their location during the interview process.

Additional benefits for this role may include: equity, company bonus or sales commissions/bonuses; 401(k) plan; medical, dental, and vision benefits; and wellness stipends.

Please find our California applicant personal information notice here.

We look forward to hearing from you

At Stripe, we're looking for people with passion, grit, and integrity. You're encouraged to apply even if your experience doesn't precisely match the job description. Your skills and passion will stand out—and set you apart—especially if your career has taken some extraordinary twists and turns. At Stripe, we welcome diverse perspectives and people who think rigorously and aren't afraid to challenge assumptions. Join us.

Apply Now

stripe

⟋ United States (English)

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Checkout

Climate

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Corporate Card

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