



Title: *IT Infrastructure Engineer*

Department: *Infrastructure and Engineering*

Location: *100% Remote or Hybrid in Palo Alto, CA (Merly Headquarters)*

Start Date: *Immediately*

Position: *Full-Time Employment*

Salary Range: *\$100k & up (based on experience) with stock options*

Job Description:

Your role will focus on advancing our flagship product, [Merly Mentor](#), a state-of-the-art code and repository reasoning system. As an IT Infrastructure Engineer at Merly, you will be at the forefront of building and maintaining our cutting-edge IT infrastructure, ensuring scalability, security, and high availability for our services. You will work closely with our development teams to ensure continuous deployment and integration, enhancing our operational capabilities on platforms such as Azure, ASP.NET, GitHub Actions, Docker, and Kubernetes. You will interact and collaborate with world-class engineers and scientists, many whom were trained/teach at Stanford, MIT, Penn, etc.

Main functions/responsibilities:

Your role will principally involve implementing and maintaining secure, scalable, and highly available server infrastructures. You will work to (i) configure and manage applications for performance and scalability across different servers, (ii) implement and maintain Docker containers and Kubernetes orchestration, and (iii) ensure the security of our infrastructure by integrating best practices and technologies for cyber defense. Experience with configuration management tools and understanding of shared storage solutions is a plus.

You may also have the opportunity to (i) manage artifact versions and streamline the continuous integration (CI) and continuous deployment (CD) pipelines using GitHub Actions, (ii) oversee the deployment and management of our Content Delivery Network (CDN) to enhance content distribution and performance globally, and (iii) collaborate with cross-functional teams to troubleshoot and resolve any infrastructure issues.

Requirements:

- Energetic, intellectually curious with growth mindset and passion for fast-paced startups
- Self-starter who can function autonomously and thrives in challenging and world-class environments
- Outstanding written, spoken, and visualization communication skills
- Proven experience in managing IT infrastructure in a cloud environment, particularly Azure.
- Strong background in containerization and orchestration technologies such as Docker and Kubernetes. Experience with OpenShift is a plus.
- Proficient in implementing robust security measures, including experience with firewalls, intrusion detection systems, and secure coding practices.
- Experience with configuration management tools and understanding of shared storage solutions.
- Familiarity with CDN management and optimization.
- B.S. & M.S. in computer science / engineering or equivalent field

About Merly:

Founded in 2022, Merly builds AI software systems to help developers build better software, faster. Our machine programming (MP) systems perform inference across entire software lifetimes and generalize across 15 programming languages. Our first product is already used by thousands of software developers from companies like Apple, IBM, Intel, and CNCF. Merly is VC-backed by investors from Greycroft, IBM Ventures, and JAZZ VP.

About Merly's Founder and CEO:

Justin Gottschlich is the Founder, CEO, and Chief Scientist of [Merly, Inc.](#) Previously, Justin was a Principal Scientist and the Founder & Director of Machine Programming Research at Intel Labs and an Adjunct Assistant Professor at the University of Pennsylvania. While launching Merly in 2022, Justin also joined Stanford University, where he

teaches [Machine Programming](#) and advises PhD students in MP, PL, and ML. Justin received his PhD in Computer Engineering from the University of Colorado-Boulder in 2011. He has 40+ peer-reviewed publications, 100+ issued patents, with 100+ patents pending. Justin and his collaborators' research have been highlighted in venues like The New York Times, Communications of the ACM, MIT Technology Review, and The Wall Street Journal.

Contact:

Please send your resume/CV to careers@merly.ai.