wg.jovian@gmail.com
+1 (925) 998-9736

Jovian Wang

San Ramon, California
https://jovian.wang

Passionate data infrastructure engineer with a focus on developing robust, scalable observability systems. I am eager to contribute to high-impact, fast-paced environments and I am comfortable operating in ambiguity. I look forward to applying my expertise while continuing to grow alongside a mission-driven team that values ownership, initiative, and collaboration.

PROFESSIONAL EXPERIENCE

GEICO TECH

Data Infrastructure Engineer, Remote — March 2025 – Present

- Extend and maintain a distributed internal observability platform built on Grafana's LGTM stack and deployed on Azure with Terraform, providing a reliable and unified solution for custom monitoring, logging, and metric-dependent workflows for engineering teams across the company.
- Re-architecting the in-house observability platform's telemetry ingestion pipeline to leverage Kafka, OpenTelemetry, and ClickHouse, eliminating critical log loss, accelerating complex query performance, enabling advanced analytics, and unlocking customer access to a live telemetry event stream. Responsible for the scaling of new services for high-ingest, multi-tenant workloads; implementing data reliability mechanisms; and driving a phased infrastructure-as-code rollout to integrate new components into the pre-existing pipeline with minimal customer-side impact.
- Led a team of six engineers to win GEICO's 2025 AI Hackathon. Orchestrated the development of a RAG-empowered assistant that leverages multi-source channel-specific data to automatically provide context-aware solutions to user queries in any Slack help channel, significantly decreasing support team workload and increasing customer engagement. Selected as one of the top winners from 80+ competing teams after a 48-hour sprint.

Site Reliability Engineer, Remote — July 2024 – March 2025

- Led a large-scale migration of observability assets into the in-house observability platform from a third-party analytics tool. Designed automated workflows for asset transformation and implemented a system to maintain observability assets as code. Ultimately, this initiative helped eliminate more than $12 million in annual enterprise licensing costs and reduced operational complexity by consolidating assets.
- Designed a React web application to provide VP-level visibility into service-level indicators across organizational units, enabling a unified, real-time view of application health, and supporting strategic executive-level decision-making.
- Contributed to tooling and automation for storage fleet management and performance monitoring.

ACCENTURE

Tech Intern, Chicago, IL — June 2023 – August 2023

- Led the end-to-end development of an internal website to showcase Operations Studio services and drive engagement from downstream teams, collaborating with key stakeholders throughout the development process to ensure alignment and maintain visibility.
- Contributed to strategic hackathon proposals designed to inspire innovative, client-aligned AI solutions under aggressive business timelines.

AMADOR BIOSCIENCE

Software Developer Intern, Ann Arbor, MI — May 2022 – August 2022

- Led a team of three interns in the full-stack development of an internal analysis tool using R Shiny and C++, streamlining the production of tables, listings, and figures, and boosting operational efficiency.

Machine Learning Intern, Pleasanton, CA — July 2021 – August 2021

- Trained machine learning models in R to analyze the relationship between drug efficacy and subject characteristics.

EDUCATION

VANDERBILT UNIVERSITY — Nashville, TN

- **Bachelor of Science in Computer Science, Bachelor of Arts in Economics, cum laude** — August 2020 – May 2024
- Minor in Data Science — GPA: 3.86/4.00

SKILLS

Core Development: Python, Go, C++, Bash, JavaScript, SQL, Git, React, TypeScript, GraphQL, HTML/CSS, R, Figma, LangChain, ROS2
Infra/DevOps: Kubernetes, Docker, Linux, Azure, Terraform, Helm, Apache Kafka, ClickHouse, OpenTelemetry, Grafana, Prometheus, Loki

OTHER EXPERIENCE

Design Board Member, **VANDYHACKS HACKATHON CLUB** — February 2022 – May 2024

- Led design efforts for Vanderbilt's annual collegiate hackathon websites, club cross-year mobile site, and on-site event installations.

Teaching Assistant, **VANDERBILT UNIVERSITY DIGITAL SYSTEMS** — August 2021 – May 2022

- Mentored 85 students in logic circuits, state machines, and assembly. Graded coursework and exams and supported an online Q&A platform.

HONORS & CERTIFICATES

Vanderbilt School of Engineering Dean's List (8 semesters), Tau Beta Pi Engineering Honor Society, NVIDIA-Certified Associate: Generative AI LLMs, NVIDIA: Building LLM Applications with Prompt Engineering, GEICO 2025 AI Hackathon: Reimagine the Associate Experience "Ship It" Winner