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Jovian Wang

San Ramon, California
https://jovian.wang

Passionate infrastructure engineer with a focus on developing robust, scalable infrastructure systems. I am eager to apply my existing expertise with meaningful contributions in high-impact environments, and I am looking forward to growing with a mission-driven engineering team that values ownership, collaboration, and initiative.

PROFESSIONAL EXPERIENCE

GEICO TECH

Observability Engineer, Remote | March 2025 – Present

- Extend and maintain a distributed internal observability platform built with Terraform, Azure, and Grafana's LGTM stack, providing a unified and reliable solution for custom monitoring, logging, and metric-based workflows for engineering teams across the company.
- Re-architected the in-house observability platform's telemetry ingestion pipeline to leverage Kafka, OpenTelemetry, and ClickHouse, resolving critical log drop issues, decreasing query times, enabling advanced analytics, and unlocking a customer access point to live telemetry.
- Spearheading the production readiness of OpenTelemetry and ClickHouse clusters in the new ingestion pipeline. Responsible for scaling services for high-ingest multi-tenant workloads, isolating production environments, and configuring data reliability mechanisms, as well as integrating with existing systems and onboarding the first set of production customers in a phased rollout.
- Led a team of six engineers to win GEICO's 2025 AI Hackathon. AskMartin is an easy-to-use, RAG-empowered assistant that leverages historical threads, linked SharePoint sites, and other channel information to automatically provide context-aware responses to user queries in any Slack help channel, significantly decreasing support team workload. After an intense two-day sprint, AskMartin won the "Ship It" award in its category.

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: 3.9/4.0

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 – Present

- 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 Winner