

Eric Shreve

Full Stack Software Engineer

Experience

Software Engineer IV

Samsara Jan 2021 - Jun 2023

- Played a key role in the development of the Forms product from inception to beta, focusing on feature development, team onboarding, and defining key performance metrics.
- Led projects resulting in multiple enhancements to the Routing product's core logic, enabling advanced workflows that catered to enterprise customer needs.
- Managed high-priority incident responses as part of an on-call rotation, consistently resolving customer-facing issues within tight deadlines.

Software Engineer II/III

Samsara Jan 2019 - Dec 2020

- Built and maintained full stack features for the Routing, Documents, and Messaging products.
- Actively participated in shaping team and culture through interviewing candidates and leading onboarding presentations for new hires.

Customer Support Engineer

Samsara May 2017 - Jan 2019

- Provided technical support for a wide range of inquiries, from hardware installation to crafting proof-of-concept API scripts for strategic customers.
- As the initial Team Lead, developed and optimized internal and inter-team processes, including product training, outage response, and customer escalation protocols.

Skills

These are some languages, frameworks, and tools that I'm comfortable with and have experience using at work and/or in personal projects:

Go, Python, TypeScript

Terraform, Ansible, Consul, Nomad, Packer

Docker, Proxmox, AWS, Digital Ocean

Datadog, Grafana, Prometheus, Databricks

GraphQL, MySQL, MongoDB

Contact

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Projects

jepp `go sqlite docker`

Developed an API providing access to over 100,000 Jeopardy clues. The API is built with Go and backed by a SQLite database.

jexplore `go graphql devops`

An extension of the Jepp project, this tool uses Go and the Ent Framework to generate a GraphQL client and React frontend.

shread.me `jekyll html/css digitalocean`

Crafted a static blog featuring beginner-friendly tutorials and insights into my personal lab setup.

slab `ansible terraform devops`

Collection of configuration files and scripts for setting up my homelab environment.

slomad `go nomad monitoring devops`

Custom wrapper around the Nomad API, used to deploy jobs to a Nomad cluster provisioned via **slab**.

Patents

US Patent 11145208, "Customized route tracking",
Granted: Oct. 12, 2021

US Patent 11674813, "Multiple estimated times of arrival computation",
Granted: Jul. 6, 2023

Education

Bachelor of Science (BS), Computer Science

University of California, Davis

2009 - 2013