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:

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Go, Python, TypeScript
Terraform, Ansible, Consul, Nomad, Packer
Docker, Proxmox, AWS, Digital Ocean
Datadog, Grafana, Prometheus, Databricks
GraphQL, MySQL, MongoDB
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Contact

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Education

Bachelor of Science (BS), Computer Science

University of California, Davis   2009 - 2013

Patents

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

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

Projects

dnd-5e-api   `typescript graphql mongodb`
Actively contribute to and help maintain codebase; focusing on bug fixes, user support, and feature planning in collaboration with a global team of contributors.

jepp   `go devops sqlite docker`
Developed an API providing access to over 100,000 Jeopardy clues scraped from j-archive. The API is built with Go and backed by a SQLite database.

jexplore   `go devops graphql`
An extension of the Jepp project, this tool uses Go and the Ent Framework to generate a GraphQL client and data explorer frontend.

shread.me   `jekyll html/css digitalocean`
Crafted a static blog featuring beginner-friendly tutorials and insights into my personal lab setup.

ansible-role-docker
An Ansible role specifically crafted to automate Docker configuration on new virtual machines within my personal homelab.