

Catherine Luse Frontend / Full-stack Engineer

Contact Information

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Professional Summary

With three years of software engineering expertise with React.js, Vue.js, Javascript and TypeScript, I strive to build efficient and user-friendly applications. I am a lifelong learner and I am passionate about delivering high-quality software engineering solutions and creating positive experiences for end-users. More specifically, my work so far has focused on making cloud-native software tools easier to use and understand.

Experience

Frontend Software Engineer | Flightcrew, Remote Jan 2023 - Oct 2024

At Flightcrew, I worked on the eponymous flagship product of a seed-stage startup. I helped build a system that improved Kubernetes configuration recommendations through several user-oriented features. This included implementing a clear onboarding process, managing user permissions by allowing organizations to add and remove team access, and creating data visualizations to show the impact of Flightcrew's recommendations. I also implemented a diff view to display precise changes that would be made in GitOps, giving users transparency and confidence in the system's proposed configurations. TypeScript, JavaScript, HTML/CSS, React, GraphQL, and React.js/Next.js. <https://www.flightcrew.io/>

Frontend Software Engineer | SUSE, Remote Sep 2021 - Jan 2023

I contributed to the development of Rancher, a successful open-source platform now used by over 30,000 teams globally. Using JavaScript, TypeScript, and Vue.js, I helped implement a streamlined user experience with features geared toward Kubernetes multi-tenancy use cases, such as the ability to install monitoring software on a subset of Kubernetes namespaces. My work required close collaboration with other engineers, designers and engineering managers to ensure the platform met real-world use cases while remaining intuitive for users across various organizational sizes.

Technical Writer | Rancher Labs/SUSE, Tempe, AZ and Remote Jun 2019 - Aug 2021

- Authored comprehensive documentation for Rancher, RKE, K3s, and Longhorn.
- Transitioned the Rancher website from Hugo to Docusaurus for improved maintainability.

Technical Writer (Multiple Short-term Contracts) | Phoenix, AZ 2014 - 2019

- Created technical documentation for American Express, Intel, and JPMorgan Chase.
- Enhanced documentation and created GitHub Pages site for Intel's EPID SDK.

Education

- **Galvanize** Certificate, Full-stack Web Development 2018
- **Northern Arizona University** Bachelor's Degree, English 2011

Skills

- **Backend Development:** Node.js, TypeScript, GraphQL
- **User-Centric Design**
- **Technical writing** and thoughtful, precise business communication.
- **Frontend Development:** React.js, Vue.js, TypeScript, JavaScript, HTML, CSS, GraphQL, REST APIs
- **Cloud Infrastructure:** Docker, Kubernetes, AWS

Side Project: Multiforum (Git repo: <https://github.com/gennitdev/multiforum-nuxt>)

A forum and event platform built with Vue 3, TypeScript, and Node.js, featuring user authentication via Auth0, backed by a Neo4j database for efficient graph data management. Includes map-based search and filtering to find events closest to the user. [Hosted demo at topical.space](#)