

Jordon Leach

Senior Software Engineer

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[Personal Website](#) | [GitHub](#)

Profile

Innovative Senior Software Engineer with extensive expertise in UI development, lifecycle management, Kubernetes, and GitHub. Proven track record of leading projects, optimizing deployment processes, and contributing to open-source communities. Promoted for exceptional performance and leadership in software engineering. Manage and maintain a personal homelab server, hosting various projects with Kubernetes and Rancher, showcasing hands-on experience with deployment and cluster management.

Employment History

Senior Software Engineer, SUSE

Remote

Aug 2021 — Present

- **Promotion:** Promoted to Senior Software Engineer for outstanding contributions and leadership.
- **Kubewarden:** Main creator and developer of the Kubewarden UI, contributing over 132,000 lines of code. Enhanced UI and managed releases, improving deployment scalability.
- **Rancher Dashboard:** Contributed to end-to-end testing and UI enhancements, improving user satisfaction and system reliability. UI installed by default in Rancher Prime, used by thousands of users globally.
- **Helm Innovations:** Designed and implemented Helm charts for Rancher Extensions, simplifying user interactions and deployment processes.
- **Testing and Documentation:** Authored comprehensive unit and end-to-end tests, achieving 44.81% line coverage, significantly increasing code reliability and user engagement.
- **Community Engagement:** Expanded team and community involvement, presented at SUSECON to over 2,000 attendees, and conducted technical webinars with over 3,000 views accumulated.
- **Rancher Extensions:** Developed the @shell/rancher package used by over 200 extensions for Rancher Manager, including air-gapped builds and CI/CD integrations.

Webmaster, Cadmium

Forest Hill, Maryland

Oct 2019 — Jul 2021

- Developed and maintained the company website, integrating four separate entities into a cohesive online presence.
- Built and maintained an API server and CI/CD pipeline, enhancing website functionality and reliability.
- Collaborated closely with marketing teams to optimize user experience and website engagement.

Web Developer, Freelance

Remote

Jun 2018 — Oct 2019

- Specialized in developing and maintaining WordPress and React.js websites with a focus on e-commerce integration and UI enhancements.
- Optimized website functionality and search engine rankings, and integrated Stripe for streamlined transactions.

Additional Experience

Photo Lab Technician, Techlab Photo

Baltimore, Maryland

Oct 2017 — Jun 2018

- Innovated data management processes by developing a custom database server, significantly boosting workflow efficiency.
- Maintained and troubleshoot sophisticated photo processing equipment.

Aircraft Armament Systems Journeyman, US Air Force

Multiple locations

Aug 2010 — Nov 2014

- Expertly maintained and repaired F-16 aircraft weapon and suspension systems, ensuring operational readiness.
- Conducted detailed malfunction analyses and functional checks, collaborating effectively in a high-stakes environment.

Skills

- **Programming Languages:** TypeScript, JavaScript, Bash
- **Frameworks:** Vue.js, Node.js
- **DevOps Tools:** Kubernetes, Helm, CI/CD Pipelines, Git
- **Databases:** MSSQL
- **Operating Systems:** Linux
- **Other:** Leadership, Project Management, Technical Documentation

Personal Projects

[ThothScript](#)

- A chatbot application allowing interaction with Kubernetes clusters using natural language scripting.
- Features include Kubernetes resource management via `kubect1` and Helm, flexible task automation, and an intuitive chat interface.
- Deployed using Helm charts for easy installation on Kubernetes clusters.

[ThothScript-Operator](#)

- A Node.js application leveraging GPTScript for Kubernetes management through an API interface.
- Supports CRUD operations on Kubernetes resources with modular design for extensibility.
- Includes development tools for a smooth workflow and robust API integration.

Lawndon

- Designed and developed a remote-controlled electric lawn mower with advanced terrain capabilities and eco-friendly design.
- Implemented GitHub Actions for automated build and release processes.

Daphne Streaming API

- Created a versatile API for streaming media, optimized for various deployment environments including Kubernetes and Docker.
- Hosted on personal homelab server using Kubernetes and Rancher.

Hermes

- Developed an immersive 3D web application using Vue.js and Three.js, integrating custom 3D models and interactive UI.
- [Hosted](#) on personal homelab server using Kubernetes and Rancher.

Bashmu

- Developed a user-friendly UI for livecoding and streaming, optimized for performance and user interaction.

Yokanga

- Built a retro-themed music video streaming website, utilizing cloud-native technologies for hosting and streaming.
- [Hosted](#) on personal homelab server using Kubernetes and Rancher.