

# 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:** Continued contributions to Kubewarden, enhancing UI and managing releases up to version 1.6.1.
- **Rancher Dashboard:** Contributed to end-to-end testing and enhancement of the Rancher Dashboard, ensuring high software quality and user satisfaction.
- **UI and Helm Innovations:** Spearheaded the design and implementation of the Kubewarden UI and Helm charts, significantly improving user experience and deployment scalability.
- **Testing and Documentation:** Authored comprehensive unit and end-to-end tests, and extensive documentation to enhance code reliability and user engagement.
- **Community Engagement:** Played a pivotal role in team expansion and community engagement, including presenting at SUSECON and conducting technical webinars.

### 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.

## **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**

- TypeScript/JavaScript
- Vue.js
- Node.js
- Git
- CI/CD Pipelines
- Kubernetes
- Linux
- Bash
- Helm
- MSSQL

## **Personal Projects**

### **ThothScript**

- A chatbot application allowing interaction with Kubernetes clusters using natural language scripting.
- Features include Kubernetes resource management via `kubectl` 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.