

Jordon Leach

Senior Software Engineer

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

Profile

Innovative Senior Software Engineer with a proven track record of delivering modern, large-scale frontend and backend solutions. Comprehensive experience with **Vue.js**, **React**, **Node.js**, and **Kubernetes**, underpinned by strong DevOps practices and leadership. Skilled in cross-functional collaboration, architectural design, and optimizing deployment pipelines. Passionate about open-source contributions and driving impactful user experiences.

Core Skills

- **Frontend:** JavaScript (ES6+), TypeScript, Vue.js, React, Modern CSS (SCSS, responsive design)
- **Backend:** Node.js, Express, RESTful APIs, WebSockets, Postgres, MySQL
- **DevOps:** Kubernetes, Rancher, Helm, Docker, NGINX, CI/CD pipelines, GitHub Actions
- **Cloud and Deployment:** Distributed systems, container orchestration, cluster management
- **Embedded Systems:** C++, ESP32 programming, real-time communication protocols
- **Other:** Leadership, mentoring, technical documentation, agile workflows, cross-functional collaboration

Employment History

Senior Software Engineer, SUSE

Remote

Aug 2021 — Present

- **Promotion and Leadership:** Promoted to Senior Software Engineer for leading cross-team initiatives and delivering critical UI features.
- **Kubewarden UI:** Main creator of the *Kubewarden UI* (143,000+ lines of code), leveraging TypeScript + Vue.js to improve user experience and scalability for Kubernetes policy management.
- **Rancher Dashboard:** Contributed to end-to-end testing and UI enhancements, raising system reliability and user satisfaction for thousands of users globally.
- **Helm Chart Innovations:** Authored Helm charts for Rancher Extensions, reducing deployment complexity and boosting adoption of new features.
- **Testing & Documentation:** Wrote comprehensive unit and end-to-end tests (48% coverage), strengthening code stability and project visibility.
- **Community Engagement:** Presented at SUSECON (2,000+ attendees) and led technical webinars (3,000+ accumulated views), fostering community involvement.
- **Rancher Extensions:** Developed the `@shell/rancher` package powering 200+ Rancher Manager extensions, supporting CI/CD integrations, air-gapped builds, and enterprise deployments.

Webmaster, Cadmium

Forest Hill, Maryland

Oct 2019 — Jul 2021

- Unified four disparate company sites into a single cohesive platform using custom APIs and CI/CD pipelines.
- Collaborated with marketing and design teams to implement conversion-focused UI components and optimize site performance.
- Maintained reliability and functionality through automated tests and robust deployment strategies.

Web Developer, Freelance

Remote

Jun 2018 — Oct 2019

- Built and maintained WordPress and React.js e-commerce sites with intuitive UIs and integrated payment solutions (Stripe).
- Improved website performance and SEO rankings through analytics-driven optimization.
- Implemented responsive web design principles and modern CSS to enhance the user experience.

Select Projects & Achievements

Horus Holdings (React, MySQL, Docker)

Cash flow management tool for real-time financial insights

- Created a full-stack application using **React** (frontend) and Node.js (backend) with **MySQL** for secure user authentication and data persistence.
- Built Dockerized microservices enabling quickstart scripts for seamless local and production deployments.
- Incorporated **CI/CD pipelines** and container orchestration best practices to streamline updates and ensure high availability.

ThothScript & ThothScript Operator (Vue.js, Node.js, Kubernetes)

Chatbot + Operator for automated Kubernetes management via natural language scripting

- Developed a **Vue.js**-based chatbot UI that interfaces with a Node.js operator, harnessing GPTScript to provision Kubernetes resources.
- Leveraged **Helm** for deployment, enabling flexible **Kubernetes** configurations and scaling across clusters.
- Architected WebSocket communication for real-time feedback, bridging user-friendly NLP with low-level Kubernetes commands.

Endernet UWB (Vue.js, Node.js, Postgres, ESP32, C++)

UWB trilateration system with automation for anchor distance calculations

- Developed modular firmware in **C++** for **ESP32** microcontrollers, enabling real-time communication with **DWM1000** modules via **UDP** and **WebSockets**.
- Engineered a scalable backend using **Node.js** and **Postgres** for anchor distance calculations, user management, and configuration storage.
- Designed a **Vue.js** frontend for visualizing real-time UWB anchor and tag data, including automated distance calibration routines.

Other Personal Projects

- **Lawndon:** Eco-friendly, remote-controlled electric lawn mower with automated builds using GitHub Actions.
- **Yokanga:** A retro-themed music video streaming website, utilizing cloud-native technologies for hosting and streaming.
- **Daphne Streaming API:** Containerized media streaming API deployed on Kubernetes via Rancher.
- **Hermes (3D Web App):** Built with Vue.js + Three.js, deployed on a homelab cluster demonstrating advanced UI/UX and 3D rendering.

Additional Experience

Photo Lab Technician, Techlab Photo

Baltimore, Maryland

Oct 2017 — Jun 2018

- Automated data management with a custom internal database, improving operational workflows.
- Troubleshoot and maintained specialized photo processing equipment under tight deadlines.

Aircraft Armament Systems Journeyman, US Air Force

Multiple locations

Aug 2010 — Nov 2014

- Maintained F-16 aircraft weapon systems in high-stakes environments, ensuring uptime and reliability.
- Conducted malfunction analyses and collaborated on cross-functional teams with precision and discipline.