Jared Krajewski

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Summary

Full stack software engineer with 5 years of experience architecting and delivering web and IoT applications. Expertise in full stack development, DevOps, Ci/CD pipeline automation, and linux web server management. Paramedic turned developer leveraging a unique blend of analytical thinking, critical problem-solving, and clear execution under pressure. Proven ability to deliver scalable web applications, resilient IoT integrations, and automated DevOps pipelines from prototype to production.

Skills

<u>DevOps/Cloud and Testing:</u> Git/GitHub, Docker, Kubernetes, GitHub Actions (Ci/CD), Linux server automation, VMs, Jest
<u>Languages:</u> JavaScript (ES6+), TypeScript, Go, Python, C++, Shell
<u>Frontend:</u> React, React Native, D3.js, Tailwind CSS, HTML5/CSS3
<u>Backend and APIs:</u> Node.js, Bun, Express, Echo, REST APIs, WebSockets, OAuth, JWT, Supabase
<u>IoT:</u> EdgeX Foundry, Arduino, ESP32, MQTT, Bluetooth, WiFi
<u>Databases:</u> SQL, NoSQL, InfluxDB, Redis

Work Experience

LATERAL.systems (contract), Portland, OR   November 2023 - April-2025
Software Engineer

● Managed and collaborated with engineers and scientists at an AgTech startup to evaluate and develop a product prototype. Established technical goals and timelines. Reassessed architecture, tech stack, and development tooling, significantly build times and achieving several product milestones and the first successful product deployment.

● Architected and automated scalable Linux server deployments and automated Ci/CD pipelines for Docker containerization reducing deployment times by 60%.

● Developed resilient C++ firmware for Arduino/ESP32-based sensor suites, configured Bluetooth and various IoT protocols, and implemented automatic device discovery and integration. Engineered the setup, deployment, and optimization of EdgeX Foundry.

● Designed scalable IoT solutions in typescript and go architectures and led end-to-end integration/testing, producing technical documentation and system diagrams that accelerated team onboarding and future development.

Code PDX (volunteer), Portland, OR   December 2022 - Current
Software Engineer

● Mentored and collaborated with volunteers of varying skill levels and skillsets, contributing to community-driven digital services for social impact initiatives while fostering a supportive and productive team environment.

● Designed, developed and launched a React-based organization website, improving online presence and streamlining onboarding of new members resulting in a 30% increase in monthly contributors.

Projects

<u>Pack-Pal:</u> Backpacking inventory and weight management with drill down charts built on Typescript React native. Available on mobile native + web app with auth and sharable configs.
<u>Code PDX website:</u> Led Javascript React based redesign and deployment of civic tech site; improved online presence and contributor onboarding. Set up CI/CD for community maintainability.
<u>ATS-Buddy:</u> Developed AI-powered resume tailoring tool that adapts to job descriptions and URLs; automates editing and formatting for improved ATS compatibility using python.