Riley DuBord

SKILLS

Full Stack Development: HTML, CSS, Javascript, React, Python, Vite, Postgres, graphQL, Postman, GitHub, Vercel

Front End Development: Chakra, Bootstrap, MUI, Figma, Framer Motion, Inkscape

Tooling & Platforms: Shopify Admin & Themes, Arduino IDE, Autodesk Fusion 360, CNC, Knee Mill, Laser Cutting, 3D Printing

EXPERIENCE

Embedded Software & Systems Engineering Manager
Kirkwall · Fargo, ND | Feb 2025 – July 2025 (Furloughed)

· Lead end-to-end technical development across embedded systems, cloud infrastructure, and web applications for internal and client-facing solutions.

· Spearheaded the launch of two Heathkit products via a modern Shopify storefront, overseeing $35k+ in direct-to-consumer sales.

· Managed full operational ownership of Heathkit, including supplier coordination, customer support systems, and e-commerce fulfillment.

· Initiated integration of a custom hardware sensor into the Kirkwall SaaS platform, combining embedded firmware (ESP32), WebSockets, and REST APIs into a single, real-time pipeline.

· Collaborated with CTO and VP of Operations to align product roadmap milestones with execution of technical delivery.

· Maintained 99%+ uptime across integrated sensor-to-cloud monitoring systems and implemented new diagnostic processes to streamline issue triage.

Full Stack Software Developer
Kirkwall · Fargo, ND | Sep 2024 – Feb 2025

· Transitioned from intern to full-time developer, contributing directly to the foundational buildout of Kirkwall's SaaS platform.

· Built modular front-end interfaces in React and Chakra UI while implementing backend logic using Express, Node.js, Azure and PostgreSQL.

· Collaborated with hardware engineers to ingest real-time sensor data and display it in dashboards via Chart.js and Framer Motion.

· Delivered multiple production-grade features with an emphasis on user experience, accessibility, and system scalability.

· Supported early-stage product-market fit by rapidly iterating with stakeholders and improving UI/UX based on feedback.

Front End Developer Intern
Kirkwall · Fargo, ND | May 2024 – Aug 2025

· Developed and maintained a comprehensive weather hub application, utilizing Chakra UI, Chart.js, and Framer Motion.

· Successfully rebranded two separate Shopify stores for different companies, enhancing their online presence and UX/UI.

· Led the front-end development efforts in an Agile environment, ensuring timely delivery and continuous improvements.

· Communicated effectively with stakeholders to gather requirements and provide regular updates on project status.

· Demonstrated adaptability and problem-solving skills by managing multiple projects simultaneously with diligence.

EDUCATION

Full Stack Javascript Developer, Emerging Digital Academy
Fargo, North Dakota · 2024
· 20-week coding bootcamp to develop essential software development skills applicable to a wide range of organizational needs.

PROJECTS
Explore my portfolio to see in-depth breakdowns and visual examples of my completed projects.