

Nathan Wallace

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SUMMARY

Detail-driven software developer in training with a healthcare operations background where precision, compliance, and fast problem-solving are daily requirements. I build responsive web apps with JavaScript, React, HTML, CSS, and Jest, using Git/GitHub, Vite, and Netlify to ship maintainable features and document decisions. I'm targeting a junior front-end (full-stack-in-progress) role creating user-centered tools that streamline real-world workflows—especially in health tech and operations.

LANGUAGES | FRAMEWORKS | TOOLS

Languages: Java, JavaScript, MySQL, Spring Boot, MySQL Workbench HTML, CSS

Libraries/Frameworks: React, React-Big-Calendar, Jest

Tools & Platforms: Git, GitHub, Vite, Netlify, Google Maps Platform, Cloudinary

EXPERIENCE

The Rider's Almanac — LaunchCode Capstone Project

Synopsis: Community web app that helps cyclists plan rides via a shared calendar and an interactive map of local resources.

- Implemented a create / view / edit / delete event flow with scoped access for authenticated users, improving clarity of upcoming rides.
- Integrated Google Maps with categorized, toggleable layers (bike shops, trails, skateparks, MTB) and keyword filters to speed discovery.
- Built custom modals and UI components in React; used local state + conditional rendering to keep interactions smooth and predictable.
- Deployed with Vite + Netlify; assets via Cloudinary; version control with Git/GitHub and concise PR-style commits.
- Tech Stack: React, JavaScript, HTML, CSS, React-Big-Calendar, Google Maps Platform, Vite, Netlify, Cloudinary, Git/GitHub
- Links: Code — github.com Demo — theridersalmanac.netlify.app

Sterile Processing Specialist — Mercy Hospital St. Louis

August 2020 - Present

- Managed and tracked specialized surgical instrument sets using computerized systems across ENT, OMF, Pediatrics, Ophthalmology, and Burn/Plastics, ensuring real-time accuracy for procedures.
- Interpreted detailed technical instructions to maintain regulatory compliance—parallel to reading and implementing engineering specs.
- Identified workflow bottlenecks and proposed process improvements that shortened turnaround time for high-priority cases.
- Coordinated with surgeons, nurses, and cross-functional teams under tight deadlines; maintained clear documentation for auditability.

Freelance Photographer — Self Employed

May 2010 - Present

- Ran end-to-end client projects (requirements → edits → delivery), mirroring iterative/agile feedback loops.
- Maintained organized digital libraries with consistent metadata/tagging for fast retrieval—analogueous to repo hygiene/versioning.
- Delivered reliably against creative and technical constraints; communicated trade-offs with non-technical stakeholders.

Shipping & Receiving — Visual Impressions

Oct 2017 - Oct 2019

- Standardized intake, inventory, and fulfillment processes to reduce errors and keep throughput predictable.

Chief Operations Manager / Brand Manager — Tree Bicycle Co.

Aug 2014 - Jun 2017

- Owned website content and e-commerce updates via CMS, keeping product data accurate and current.
- Led social media/digital campaigns to grow engagement while aligning multi-department workflows to meet deadlines.

Retail Associate — Plan Nine Skatepark

Aug 2014 - Mar 2015

Cashier / Warehouse / Stock — Family Dollar

2011 - 2013

EDUCATION

LaunchCode — Software Development Program (In Progress)

Mar 2025 - Nov 2025

- Coursework in JavaScript, React, Java, MySQL, Spring Boot, MySQL Database, HTML, CSS, Git, Agile practices; hands-on front-end project work (maps, calendars, dynamic data).

Ritenour High School

2010

Licenses & Certifications

CRCST — Certified Registered Central Service Technician (HSPA)

Issued Nov 2024 - Expires Nov 2025 - Credential ID 646051