

Evan Walter

Full Stack Developer

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, GraphQL, Go, Rust

Front End: React, Redux, Next.js, Vue.js, HTMX, Yew

Back End: Node.js, Spring, Express, Django, Actix

Database: PostgreSQL, MySQL, NoSQL, MongoDB

Tools: Webpack, Vite, SLDC, CI/CD, AWS, RESTful APIs, CLIs, Tailwind, CSS, HTML

Testing: Cypress, Jest, Mocha, Chai

WORK EXPERIENCE

Independent Contractor

01/2021 - Present

Software Developer

Redding, CA (Remote)

- Design and implement meaningful web solutions with Shopify, React, JavaScript, and related tooling.
- Resolve technical challenges with custom front-end features, debugging, and optimization.
- Foster effective client communication with regular updates, cultivating lasting business relationships.
- Build Rust solutions as a part of various teams on open-source projects.

GhostBed

02/2022 - 06/2023

Web Developer

Plantation, FL (Remote)

- Create a complex sales funnel app where we heavily drive traffic with Next.js, React, and TypeScript.
- Integrate new products and complex UI features with Vue.js, Shopify, and third-party APIs, leading to substantial sales increases.
- Establish DRY paradigms between the existing codebase and the new headless web application.
- Debug undocumented codebases from customer support reports and console errors.
- Proactively stay up-to-date with emerging trends and evolving industry best practices.
- Demonstrate a high value for growing skills; communication; caring about our team; and protecting the interests of superiors and stakeholders.

Rewired.one

09/2021 - 11/2021

Full Stack Engineer (Contract)

London, UK (Remote)

- Contribute as a core team member to a blockchain web application with React, Express.js, and MySQL.
- Build complex and performant features with robust, maintainable, and scalable code.
- Drive product innovation and customer satisfaction by contributing to important discussions with stakeholders.

Energy Innovations

10/2019 - 01/2021

Electrical Designer

Redding, CA (On-Site)

- Develop customized electrical design packages for new and existing systems.
- Interface with field technicians on-site and with off-site travel to provide consulting, troubleshooting, maintenance, and system design services.
- Create CAD electrical control wiring diagrams, product designs, electrical power drawings, and site plans aligned with industry conventions.
- Provide the services listed above for Automation Control Systems and Electrical Power Systems teams.

- Communicate effectively with team members and clients as an outwardly-facing member of the team.

Newport News Shipbuilding (Confidential Security Clearance)

09/2016 - 09/2019

Electrical Engineer

Newport News, VA (On-Site)

- Oversee electrical designs for various engineering disciplines, including shipboard electrical power, control systems, and networking.
- Establish efficient tooling to manage department work package data with SAP, Microsoft Excel, and Visual Basic.
- Troubleshoot and test shipboard electrical systems.
- Communicate across many departments, including finance, operations, trades, and other engineering teams to deliver on time.

ECS Federal (Secret Security Clearance)

06/2015 - 03/2016

Junior Computer Engineer

Arlington, VA (On-Site)

- Design hardware with VHDL, FPGAs, Xilinx ISE, and Altera/Intel Quartus.
- Create a new testing strategy fully adopted by the engineering and technician teams.
- Integrate analog RF systems for low observables from the bottom up, including component-level design, plate testing, system integration, and digital control.
- Test equipment with Modulation Analyzers, Oscilloscopes, Spectrum Analyzers, PNAs, Frequency Counters, and Logic Analyzers.

PROJECTS

Signal Messenger App: Open Source Contributor

- Deeply dive into the codebase to familiarize with core architecture, design patterns, and code standards.
- Approach problems with careful planning, code design, and test-driven development with TypeScript, React, Electron, Mocha, and Chai.
- Engage with long time users to maintain the code and resolve issues.

Personal Web Application: evanwalter.dev

- Integrated a ChatGPT model with the third-party OpenAI API and forms.
- Created new projects with robust features with Next.js, TypeScript, Tailwind, and testing with Cypress.
- Built a Synth App, a declarative UI with sound as state, integrating a third-party component library.

Rust Email Server

- Build a fully-functioning email API in Rust.
- Follow CI/CD principles, testing, and skills essential for working in a team environment with Rust.
- Familiarize with fundamental concepts and complex design patterns as applied to Rust programming.

Lens Social App

- Create a full stack social media web application.
- Implement Next.js, React, TypeScript, GraphQL, and Lens Protocol—a Web3/blockchain social graph.

EDUCATION

George Mason University

May 2015

Bachelor of Science, Electrical Engineering

Fairfax, VA

Dean's List

Additional Coursework

Freemote Bootcamp, February 2021

Udemy: Next.js & TypeScript with Shopify

Modern React with Redux

COMMUNICATION SKILLS & ACTIVITIES

Podcast Speaker: Appeared as a guest on The React Show to share my journey into software engineering, encourage new engineers, and discuss topics related to React.

Local Meetups: Facilitate Redding Area Designers and Developers | Volunteer for Startup Redding events | Attend Shasta Ruby Users Group.

Mentoring and Tutoring: Tutor kids exploring computer programming and engineering topics | Meet with personal mentors and friends to grow communication skills, emotional intelligence, and connectedness.

Human Skills: Communicate accurately without fluff or ego | Self-direct problem solving and research | Effectively lead or follow in teams with different dynamics | Prioritize tasks and pivot willingly | Enjoy training and mentoring less-experienced team members.

Other Activities: Climbing, fitness, traveling, the outdoors, family, friends, and Rust programming.