Evan Walter

Software Engineer

evanwalter.dev   linkedin.com/in/-evanwalter   twitter.com/_evanwalter_   github.com/evan-walter

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, GraphQL, Python, Rust
Front End: React, Next.js, Vue.js, HTMX, Yew
Back End: Node.js, Go, Deno, Actix
Database: PostgreSQL, MySQL, NoSQL
Tools: AWS, REST APIs, XML, Docker, Tailwind, HTML, CSS
Testing: Cypress, Jest, Mocha, Chai

WORK EXPERIENCE

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.

Independent Contractor   **01/2021 - Present**
Software Developer
Redding, CA (Remote)
- Design and implement meaningful solutions with React, JavaScript, Shopify, and WordPress.
- Resolve technical challenges with custom front-end features, debugging, and optimization.
- Foster effective client communication with regular updates, cultivating lasting business relationships.

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   **09/2016 - 09/2019**
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)   **10/2019 - 01/2021**
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
- Created new projects with robust features with Next.js, TypeScript, Tailwind, and testing with Cypress.
- Integrated a ChatGPT model with the third-party OpenAI API and forms.
- Built a Synth App, a declarative UI with sound as state, integrating a third-party component library.

Lens Social App: Created a full stack social media web application with 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 connection with others.

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.