

Alexander Garcia

Software Engineer

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WORK EXPERIENCE

Software Engineer, Clarity Innovations

2019 – Current

- Improves authenticated user experience on VA.gov by reducing the number of redirects by implementing OAuth 2.0 without degradation to existing SAML authentication methods.
- Works with internal marketing design team to launch two website rebrands for Clarity Innovations and Carbon Reach generating \$100m in government contracts using JavaScript, React, Gatsby, TailwindCSS, Jenkins, and AWS.
- Reduces Quality Assurance and Testing teams waiting times by over 50% by replacing Github search engine with a dashboard for searching and filtering testing credentials using JavaScript, React, and Gatsby.
- Reduces automated application CI/CD workflows by 40 minutes by using GitHub Actions and self-hosted runners to deploy updated Kubernetes manifests consumed by ArgoCD.
- Streamlines UX Design team workflow by designing high-fidelity prototypes using internal design systems and Figma for usability testing allowing in-depth user research.
- Improves strategic oversight into cybersecurity vulnerabilities by over 40% by developing a 3rd-party risk dashboard providing companies with actionable intelligence using JavaScript, Vue, Golang, and AWS.

Lead UI Developer, Trusted Mission Solutions

2018 – 2019

- Enhances productivity by 50% by building automation features in the financial web application for frequent tasks like approval process and e-mails.
- Optimizes financial web applications performance by 20% by refactoring legacy code by limiting library dependencies and minifying code.
- Migrates on-premise legacy applications and refactors from JavaScript and jQuery to Angular to ServiceNow cloud platform improving uptime by 90%.

Front-End Developer, Freelance

2016 – 2018

- Improves World Wildlife Fund internal website by 15% by using web performance techniques & using responsive web design best practices.
- Produces numerous fully-functional responsive websites and apps using HTML, CSS, and JavaScript, and Vue.js.
- Leverages knowledge in Front End Web development, JavaScript, Git and debugging using Chrome Developer Tools.

PROJECTS

- Blockvestment platform (crypto and investment tracker), WIP, React, Redux, Rust
- hamm, a Halloween movie marathon generator with IMDb integration using Vue.js & Vuex.
- Open Source contributions for the Department of Veterans Affairs, GitHub OAuth, etc.

TECHNICAL SKILLS

Proficient in: HTML, CSS, JavaScript, jQuery, Sass, Git, React, Vue, Next.js, Nuxt.js, Gatsby, Gridsome, Node.js, GitHub Actions, Docker, User Interface (UI) Design, Responsive Web Design, User Experience (UX), and Figma

Experience with: Python, Android Development (Java), MongoDB, and SQL

Teaching myself: Rust, Golang, and WebGL

EDUCATION

Arizona State University

2019 – 2021

- Bachelor of Applied Science in Internet and Web Development