Alexander Garcia

Senior Frontend Engineer

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WORK EXPERIENCE

Lead Software Engineer (Frontend), Oddball   **2023 – Current**
- Mentors multiple engineers in JavaScript, React, and Frontend engineering best practices.

Software Engineer, Clarity Innovations LLC   **2019 – 2023**
- 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.
- Mentors and trains 8 early career to mid-level developers in JavaScript, React, and Frontend engineering best practices.
- Launches 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 cybersecurity dashboard with BlueVoyant using JavaScript, Vue, Golang, Postgres, and AWS.

Lead UI Developer, Trusted Mission Solutions   **2018 – 2019**
- Enhances productivity by 50% by building automation features using Puppeteer and JavaScript in the Department of State's financial web application for frequent tasks like approval process and e-mails.
- Optimizes financial web applications performance by 20% by refactoring legacy code by implementing Webpack to use tree shaking 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, Self-employed   **2016 – 2018**

PROJECTS

‣ The Screamin Tiki: Flutter, Django, Postgres, Github Actions (Work in Progress)
‣ VA.gov: React, Redux, JavaScript, Webpack, Ruby on Rails, Postgres, AWS, Github Actions
‣ Clarity Innovations: Gatsby.js, React, JavaScript, Framer Motion, Lottie, Jenkins, AWS
‣ Carbon Reach: Gatsby.js, React, JavaScript, Jenkins, AWS

TECHNICAL SKILLS

HTML, CSS, JavaScript, jQuery, Sass, SCSS, Git, React, Vue, Next.js, Nuxt.js, Gatsby, Gridsome, Node.js, GitHub Actions, Docker, User Interface (UI) Design, Responsive Web Design, User Experience (UX), Figma, Python, Flutter, Golang, NoSQL, SQL, and Rust.

EDUCATION

Arizona State University   **2019 – 2021**
‣ Bachelor of Applied Science in Internet and Web Development