Forest Welch (they/them)

SKILLS

Proficient: React, Redux, HTML, CSS, Node.js, MongoDB, Mode Analytics, Sentry, Git, CircleCI
Familiar: React Native, React 360, Angular, PostgreSQL, Docker, Heroku, AWS, Elastic Cloud, Redis, Mongoose, GraphQL, Jest, Mocha, Chai, Cypress, TypeScript, Ruby on Rails, Webpack, jQuery

EXPERIENCE

Self-Employed   Mar 2023 – Present
- Assist recent bootcamp graduates through the job search process, aiding with interview prep, resume building, and portfolio enhancement.
- Provide consultations for business portfolio websites, emphasizing user experience.

Career Break   Jan 2022 – Mar 2023
Took a sabbatical to reassess career goals, establish a consulting practice, volunteer, deepen yoga and spiritual practices, travel internationally, and spend time with family.

Software Engineer | Autodesk (Formerly BuildingConnected)   Aug 2018 – Jan 2022
- Synchronized design and engineering systems and standardized frontend best practices by authoring an org-wide React component library with [documentation](#) on component usage and design principles. Decreased library size by ~30%, increased functionality and customizability by ~50%, and minimized typography and color implementation by >95%.
- Expanded customer reach into Oceania and Europe, driving an >200% increase in our user base, by implementing an i18n framework and spearheading an org-wide l10n initiative. This was instrumental in facilitating the acquisition of our startup by Autodesk.
- Saved Customer Success team >15 hours per week and resolved deal breakers for multi-million dollar contracts by converting internal tools from Angular to React, adding new core features and fixing long-standing bugs.
- Optimized frontend build times by >50% (>20 minutes per production build) by refactoring redundant steps in CircleCI pipeline and parallelizing E2E tests.
- Improved relevance of search recommender results from <92% to ~97% by building ElasticSearch queries based on sales data.
- Increased successful signup completion by >10% and de-duped companies and offices by ~5% by streamlining the signup process and converting code from Backbone to React.
- Led initiative to implement estimated cost for projects, providing contractors a way to compare competing vendor offers.
- Led frontend portion of interview process and helped launch satellite office in Toronto.
- Improved morale and mitigated burnout during COVID through hosting org-wide yoga and meditation Zoom calls, as well as pair programming and board game sessions.

EDUCATION

Full-stack Software Engineering | App Academy   2018
BA in Linguistics (Minor in Deaf Studies) | University of Pennsylvania   2016