Forest Welch 🌳

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Fullstack Software Engineer with 4+ years of experience delivering intuitive, user-focused applications. Known for clear communication, collaboration, and helping teams deliver seamless solutions.

EXPERIENCE

Self-Employed   San Francisco, CA
Technical Consultant   March 2024 - August 2024

- Improved SEO, UX, and page load times for small business websites.
- Provided career guidance and mock interviews for full-stack development bootcamp graduates.
- Created an esports bracket management tool for automated score reporting and streamlined events.

BuildVision   San Francisco, CA
Software Engineer (Contract)   November 2023 - April 2024

- Built out the first app views from scratch and a reusable UI component library in Next.js.
- Improved data handling with RTK Query, optimizing browser performance with caching, search filters, and inline editing.
- Developed a component specification tool to streamline admin tasks.

Autodesk (Formerly BuildingConnected)   San Francisco, CA
Software Engineer   August 2018 - January 2022

- Led a year-long localization and internationalization effort to expand our product into Oceania.
- Developed a React component library, cutting size by 30% and doubling functionality. Unified UI libraries and documented usage, design, and props at design.buildingconnected.com.
- Revamped internal tools and migrated UI from Angular to React, saving Customer Success team 20 hours per week. Fixed critical bugs, ensuring contract compliance and protecting $1.5M in revenue.
- Created a UserEvents tracking system and ran A/B tests with LaunchDarkly, improving customer onboarding and product metrics.
- Reduced build and deployment times by 50% by streamlining the frontend CircleCI pipeline.
- Led frontend interviews, mentored new hires, and organized pair programming and wellness activities during COVID-19.

EDUCATION

App Academy   San Francisco, CA
Fullstack Engineering   2018

University of Pennsylvania   Philadelphia, PA
B.A. in Linguistics, minor in Deaf Studies   2012 - 2016

SKILLS

Proficient: JavaScript, React, Next.js, Redux, Node.js, MongoDB, Git, CircleCI, LaunchDarkly
Familiar: TypeScript, React Native, Angular, PostgreSQL, Docker, Heroku, AWS, Elastic Cloud, Snowflake, Redis, Mongoose, GraphQL, Jest, Cypress, Ruby on Rails, Webpack, jQuery