Jonathan Rose

Software Engineer

Innovative Software Engineer offering 6 years of expertise in modern web development with managerial experience. Seasoned professional with background in full software development lifecycle. Quickly learns and masters new technologies while working in both team and self-directed settings.

Work History

2021-08 - Current

Engineering Manager

Inovalon, Bowie, MD

- Built a full stack, multi-language monorepo leveraging Bazel.
- Built a Web Components component library using StencilJS with 100% test coverage. Added support for auto-generated README documentation for each component, as well as auto generated Storybook stories, and auto generated framework bindings (i.e. for use in a React app).
- Built a custom SCSS based themeable design system for the component library.
- Leveraged Bazel to seamlessly integrate Component Library development with development of the consumer applications. Used iBazel to watch files and trigger builds on file change.
- Directed the build of a CLI to further improve the dev experience working with the monorepo. Features include: automated monorepo setup; a friendly interface for starting services, running builds, and running tests; tab to auto-complete commands; and ability to run last command.
- Leveraged Azure Pipelines to run builds on changes to the dev branch. Built a bash script which uses Bazel Query to identify the build targets effected by the changes, and build only those targets.
- Leveraged Gazelle to generate Bazel rules and dependencies for multiple internal Go packages.
- Leading initiative to take our current on-premise solution and move it into AWS using API Gateway, AWS Step Functions, Lambdas, and SQS.
- Manage a team of several, fully remote engineers by holding weekly one on ones, goal setting, and providing continuous feedback. Expanded the team by successfully recruiting multiple candidates. Built out multiple technical challenges to send to possible candidates to streamline the interview process.

Contact

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Skills

React

TypeScript

JavaScript

GraphQL

CSS/SCSS

Bazel

Styled Components

React Testing Library

Team Building

SQL

Git / Github

Firebase

HTML

Web-based software engineering

Single-spa

Agile

| 2021-04 - 2021-08 | **Software Engineer** |
| | *Stealth Startup, Los Angeles, CA* |

- Updated multiple React applications dependencies to their latest versions
- Introduced Cypress, Storybook, and Styled Components into multiple React applications
- Taking lead role in migration of multiple applications from a polyrepo setup to a monorepo

| 2020-02 - 2021-04 | **Software Engineer Technical Lead** |
| | *Restaurant Brands International, Miami, FL* |

- Lead a performance initiative focusing on improving FCP, LCP, and TTI
- Tech lead on Promo Codes, Auto Sign in on Sign Up, Recent Items Reorder, Initial Delivery Quote, Curbside Pickup Service Mode, and more
- Hold bi-weekly 1 on 1's with team members to provide them with feedback and ensure that their thoughts and concerns are heard and addressed
- Lead Bi-Weekly Front End Roundtable meetings, driving Front End tech initiatives
- Build cross platform features leveraging Ionic to deploy to web, iOS, and Android from a single monorepo

| 2019-09 - 2020-02 | **Manager of Engineering - UI** |
| | *CareCloud, Miami, FL* |

- UI Guild Leader managing 10+ engineers across multiple feature teams
- Reviewed project goals and objectives on a bi-weekly basis with product managers and design team
- Implemented a micro app architecture for the UI
- Implemented auto-updates for Electron app
- Architected component library built with React and Web Components
- Built POC for an iOS companion app built with SwiftUI
- Implemented firebase hosting for all front-end apps

| 2018-11 - 2019-09 | **Lead Software Engineer II** |
| | *CareCloud, Miami, FL* |

- Work with Product Managers and UX team to implement new patient facing features
- Built dynamic custom forms leveraging React JSON Schema Forms
- Technical Lead on the rebuild of Breeze Web, CareCloud's patient portal. Migrated application from Angular to React in only 4 months
- Mentor junior developers on JavaScript and React best practices

| 2015-09 - 2018-11 | **Software Engineer** |
| | *CareCloud, Miami, FL* |

Redux

Jest

Ruby on Rails

Go

AWS

Ionic

Swift

- Built feature rich React dashboard for viewing and running automation tests
- Full stack web developer building CareCloud's current PM and EHR system
- Wrote performant Ruby on Rails code

2015-09 - 2017-11

Teaching Assistant

Wyncode Academy, Wynwood, FL

- Provide support to students while they learn Ruby, Ruby on Rails, OOP, JavaScript, HTML/CSS, Agile methodologies, Git and Github
- Lead breakout sessions on current blockers for the students
- Held one on one sessions with students

Education

Bachelor of Science: Electrical Engineering

The College of New Jersey - Trenton, NJ