Taylor R. Flagg

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Professional software developer with many years of experience building React and React Native apps and web applications.
Skills: TypeScript / JavaScript, React, React Native, HTML / CSS, TailwindCSS, Styled Components, ChakraUI, React Query, Redux, Next.js, GraphQL, Docker, Google Maps, Lottie, OAuth 2.0, NodeJS/Express, REST, Apollo Client, Firebase, PostgreSQL, Google Cloud Platform (GCP), XCode, Android Studio, Unit Testing, Jest, Agile, Git, Problem Solving

Professional Experience

Fennel Stalk / Wrdie
June 2024 - Present
Creator & Founder — *https://wrdie.com - https://fennel-stalk.com*
Fennel Stalk is an sdk and api that allows developers to add WYSIWYG interactive editors to their applications. It is no-code as a service. Wrdie is a web platform that uses Fennel Stalk to enable users to create their own choose-your-own adventure style interactive stories in the browser. I am responsible for all aspects of design and programming including the React front-end, generated sdk, the REST-based backend, and all of the deployment on Google Cloud Platform (GCP).
Technologies: TypeScript, React, TailwindCSS, Hasura, GraphQL, PostgreSQL, GCP, Node.js/Express

FutureAI
October 2023 - June 2024
Technical Lead
Designed, developed, and deployed a Saas solution for AI-based customer recommendations. Solution included front-end JS SDK, browser iframe flows integrated with Plaid and Google OAuth, back-end authentication, session management and SDK. Managed an existing React Native and Ruby on Rails eCommerce platform including code, security, and databases.
Technologies: TypeScript, Google Cloud, React, Node.js/Express, Next.js, Prisma, PostgreSQL, OAuth 2.0, ChakraUI

Independent Contractor
January 2019 - October 2023

Arlo Hotels - *Senior React Native App Developer*
Played a key role in a compact, 2-member software development team that built a loyalty app and administration dashboard for a high-end hotel chain. Oversaw the app development from start to finish including animations, back-end communication, user authentication, and data management.
Technologies: React Native, Typescript, React Query, React-admin, UX Design, Ruby on Rails, PostgreSQL

FastAF - *Senior React Native App Developer*
Member of a small team that developed a popular Rapid Delivery e-commerce app. Work included programming new screens from Figma designs, fixing bugs, conversion to TypeScript, and refactoring existing code among other things..
Technologies: React Native, Typescript, JavaScript, Styled Components, React Query, Lottie, React Native Reanimated

PatientPing - *Front-end React Developer*
Project work to merge multiple React-based healthcare applications together. Required intimate knowledge of Webpack build system and reconfiguring within the company's existing deployment structure.
Technologies: React, Webpack, Jest, JavaScript, HTML. CSS, Redux, React Router

Zagster - *Senior React Native App Developer*
Developed a new fleet-management app and provided ongoing support for existing React Native apps. In charge of all aspects of app development, release, and distribution.
Technologies: React Native, GraphQL, Google Maps, Bluetooth, Redux, XCode, Android Studio

Previous full-time employment

Zagster - *Senior Mobile Engineer* - React Native / JavaScript / HTML / CSS / XCode / Android Studio - 2016 - 2018
Tapjoy - *Senior Front-end Engineer* - React / JavaScript / HTML / CSS / Ruby on Rails - 2013-2016
Scout Exchange - *Front-end Developer* - JavaScript / HTML / CSS - 2013 - 2014
InterSystems - *Web Developer* - Java / JavaScript / HTML / CSS / Caché - 2007 - 2013

Education

University of Florida - *Bachelor of Science (cum laud)* - Computer Science, May 2005