

IVAN WOO

Software Engineer

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Technical Skills

Front End: JavaScript (ES6), React, HTML5, CSS3, TailwindCSS, React-Bootstrap/Bootstrap

Back End: Express, Node, RESTful APIs, MongoDB/Mongoose, Sequelize, MySQL, PostgreSQL, Firebase

Tools: Git, Webpack, NPM, Yarn, Axios, Contentful, Amplitude, React Query, Storybook, GitLab, Jira, Confluence

Professional Experience

Junior Software Engineer - PLG (Product Led Growth)

February 2022 - October 2022

Software Engineer Intern

July 2021 - February 2022

Emotive | Remote

Emotive Design System | React, TypeScript, Radix UI, Tailwind, Storybook, React Testing Library, Jest

A library of reusable UI components that adhere to internal designs and functionality guidelines

- Expedited UI development time for commonly used components from 45 minutes to under 10 minutes by building reusable components using Radix UI with a 100% adoption rate
- Collaborated with 3 designers and 2 engineers to discuss and implement each component specifications from Figma designs for unified branding and design across the platform
- Created isolated components in Storybook for sandbox testing and documentation which reduced churn between engineers and designers
- Implemented unit tests with 80% test coverage using Jest and React Testing Library to ensure correct component behavior and decrease refactoring errors

Self-Serve Dashboard | React, Tailwind, React Query, Contentful CMS, Amplitude, Jest, React Testing Library

A 4-step homepage dashboard for new users to jump-start and make the most out of their free trial

- Partnered with 1 backend engineer and executed frontend completion of dashboard within a 4-week timeline as sole frontend engineer
- Decreased content turnaround time from 1+ hour to under 5 minutes by integrating Contentful CMS which removed the need for engineering involvement
- Managed API requests for dashboard completion status using React Query's useQuery and useMutation hooks which allowed for better control over data querying states and automatic data refetching
- Boosted visibility for product teams by adding Amplitude event tracking to improve user experience and flows
- Documented dashboard functionality and interactions in Confluence for QA and team handoffs

Onboarding version 1 & 2 | React, Tailwind, Contentful CMS, Amplitude

A self-guided signup flow for onboarding new users to reduce the need for assistance from sales and customer support

- Teamed up with tech lead and frontend engineer in launching a popup creation + SMS experience selection wizard based on Amplitude analytics and client feedback to lessen signup friction and drop-offs for new users
- Built an account creation form with field validations using React Hook Form and RegExp to increase confidence in user data
- Migrated frontend views from monolith to a micro frontend which improved production deployment flexibility from weekly to as needed
- Enhanced user experience by incorporating responsive design for mobile, tablet, and desktop using Tailwind's breakpoint utility classes

Education

Hack Reactor | Advanced Software Engineering Immersive

2020 - 2021

University of California, Irvine | BA in Business Economics | Dean's Honor List

2016