

Devin Blair

Frontend Software Engineer

Los Angeles, CA

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Skills

Languages— CSS, HTML, JavaScript, Python, Sass, TypeScript,

Frameworks— Django, Expo, Express.js, Jest, Next.js, React.js, React Native, Remix

Libraries— Ant Components, Apollo, Axios, Bootstrap, d3.js, dnd-kit, Emotion, gulp, Headless UI, i18n, Immer, Less.js, Material UI, MobX, React Query, React Spring, React Testing Library, Redux, Redux-Saga, Redux Toolkit, Sequelize, Shadcn, Storybook, Styled Components, SWR, Tailwind CSS, Three.js, Vitest, Zod, Zustand

Databases— Amazon Aurora, Amazon DynamoDB, MongoDB, PostgreSQL

Other— Ableton Live, AJAX, Auth0, AWS (Amplify, Appsync, Cognito), Babel, Chrome Dev Tools, Confluence, Datadog, Docker, Enzyme, Git, Github, Gitlab, Google Cloud (Analytics, Places API, Tag Manager), GraphQL, Jenkins, Jira, Lighthouse, Node.js, OAuth2, TDD, Web Audio API, Webpack, Wordpress

Experience

Comcast Business — Remote

July 2022 - April 2024

Software Engineer IV

- Implemented a working solution for MUI accessibility bug— improving accessibility by 7%, triaged and created subsequent QA and engineering tickets with clear and concise descriptions and acceptance criteria
- Configured and maintained 4 React and Remix applications across 2 Frontend teams, leading to a significant increase in application stability and decrease in ramp up time for new devs
- Conducted consistent code reviews and pairing sessions, enhancing code quality, legibility, and uniformity, and contributing to an increase in team productivity and confidence
- Utilized Zod to efficiently parse and validate backend data, ensuring data integrity and reducing errors
- Developed a reusable d3.js chart component to visualize bandwidth data for customers, enhancing data accessibility and user engagement

Canopy Servicing — Remote

July 2021 - July 2022

Fullstack Software Engineer

- Led a project to migrate authentication from Auth0 to Cognito, reducing expenditure by over \$50,000
- Developed a component library using TypeScript, native HTML, Tailwind, and Headless UI, enabling granular component customization and enhancing application performance by reducing package bloat
- Created robust Backend endpoints using Node.js and seamlessly connected them to the Frontend in Next.js, enabling efficient data retrieval and interaction
- Mentored intern, junior, and mid-level engineers through pairing sessions, one-on-one career and personal development counseling, and knowledge transfer meetings, resulting in an increase in team productivity and skill advancement
- Implemented SWR to optimize client-side data fetching and rendering, significantly enhancing UX and reducing data load times
- Integrated third-party payment processor APIs to handle and record payment transfers, streamlining payment processes and reducing transaction errors

Zeal Enterprises — Los Angeles

January 2021 - July 2021

Lead Frontend Developer

- Built out frontend architecture, learning and implementing new technologies in fast-paced sprints

- Created custom, reusable components with advanced JSS styling using Material-UI to maximize efficiency of future frontend updates and improve end-user experience
- Developed and maintained a user-friendly, high-performance mobile application using React Native, including designing and implementing reusable components to streamline development and enhance UI/UX consistency.
- Researched and designed a migration plan to TypeScript, resulting in refactoring of the codebase
- Utilized Chrome Dev Tools, Lighthouse, and WebPageTest to monitor web application performance
- Worked with the engineering team and UX design team in agile, sprint-based development, engaging in mentorship and pair programming to strengthen team synergy and growth
- Proposed and implemented code splitting to improve loading latency by 10%
- Configured Webpack for optimized bundling

Beat Lab Academy — Los Angeles

August 2018 - August 2020

Website Developer, Curriculum Developer, Administrator, Teacher

- Created and maintained over 15 sections of Beat Lab Academy Wordpress website leveraging JavaScript, CSS, and HTML
 - Devised supplemental learning modules for 4 lessons in under a week
- Developed a 6-lesson, 18-hour technical, comprehensive course on Ableton Push 2 MIDI controller

Projects

CanopyOS — Client loan management dashboard

<https://www.canopyservicing.com/canopyos/>

Technologies: AntD, AWS Amplify, Axios, Cognito, Datadog, Headless UI, HTML5, CSS3, Jest, MaterialUI, MSW, Next.js, React, Storybook, SWR, TailwindCSS, Testing Library, TypeScript

- **Developed several key pages:** Crafted multiple pages for the client loan management dashboard, enhancing user experience and functionality
- **Cross-functional collaboration:** Worked closely with QA, Backend, Product, and Marketing teams in fast-paced sprint cycles to deliver robust features and improvements
- **Codebase maintenance and upgrades:** Routinely maintained and upgraded the codebase, ensuring optimal performance and compliance with the latest standards

aura — Component library

<https://aura.canopyservicing.com/?path=/docs/welcome--docs>

Technologies: Headless-UI, HTML5, CSS3, Jest, React, Storybook, TailwindCSS, Testing Library, tw-classed, TypeScript

- **Custom component development:** Built custom components, including Select and Dropdown, enhancing the library's functionality and usability.
- **Pixel-perfect design:** Maintained and iterated on component designs to ensure pixel perfection and consistency with the API, working closely with the Head of Design, QA, and Engineering
- **Unit testing:** Implemented thorough unit tests to ensure component stability and reduce the risk of bugs

Education

General Assembly — Remote

September 2020 - December 2020

Software Engineering Immersive — Completed 12-week, 450+ hour program focused on product development fundamentals, object-oriented programming, and team collaboration strategies

San Francisco State University — San Francisco, CA

August 2010 - June 2015

Bachelor of the Arts, Broadcast and Electronic Communication Arts

Languages

English — Native

Japanese — Conversational (passed Japanese Language Proficiency Test N4)