

David J. Ballowe

Full Stack Engineer

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TECHNOLOGIES AND LANGUAGES

JavaScript | Python | TypeScript | React | Angular | Next.js | HTML5 | CSS3/SCSS | Node.js
Express.js | Firebase | MongoDB | Git | Google Cloud | Jest | Photoshop | REST API | AJAX

PROJECTS

Mozilla Hubs

03/2022 – present

Open Source Contributor

Live: hubs.mozilla.com 🔗 Repo: github.com/djballowe/hubs 🔗

- Collaborated alongside the community manager at Mozilla to engineer a screen record feature into hubs virtual meeting space
- Engineered the logic with React hooks to define a record mode state which toggles a minimal UI designed for "camera operators" in a hub world to record meetings and events.

ZAWN

03/2022 – present

Full Stack E-Commerce Site

Live: zawnshop.com 🔗 Repo: github.com/djballowe/ZAWN 🔗

- Managed app state and inter-process communication with React hooks
- Engineered ReactJS to maximize the website's speed and responsiveness by utilizing React Router to build a single page web application
- Implemented Firebase authentication SDK for a secure user sign in process
- Users can perform CRUD actions to store addresses for a streamlined checkout process
- Order details and user information stored with Firebase
- Configured serverless cloud function with Node and Express to access the Stripe API allowing for a secure payment at checkout and ensuring scalability.
- Configured CI/CD pipeline with Google Cloud Build for deployment to Firebase hosting

Architectural Photography and Visualization Portfolio

01/2021 – present

Portfolio Site

Live: davidballowe.com 🔗 Repo: github.com/djballowe/Arch-Portfolio 🔗

- Fully responsive design made with React and SCSS
- Architected ReactJS to display each section as a separate component to easily update information.
- Configured CI/CD pipeline with Vercel for auto deployment

PROFESSIONAL EXPERIENCE

Media Production Lead

08/2019 – present

MillerPhoto

- Lead the production of marketing content for 300+ clients across the real estate industry including designing listing websites, still imagery, video, and drone services
- Collaborated with the media team to capitalize on market shifts leading to the company's highest grossing year in 2021.

Lead Organizer and Speaker

03/2022 – present

Free Code Camp Sacramento

- Organize in person and virtual meetings for passionate developers across the greater Sacramento area with over 1,000 members
- Lead speaker at bi-weekly meetings where we discuss projects, news, and various tech related topics from a variety of skill ranges

EDUCATION

Bachelor of Science in Environmental Science

08/2014 – 12/2018

Chico State University