David J. Ballowe

Software Engineer

✉ db@davidballowe.com 📞 530-448-4919 in linkedin.com/david-ballowe ⦿ github.com/djballowe

➤ davidballowe.me

TECHNOLOGIES AND LANGUAGES

JavaScript | TypeScript | React | Next.js | HTML5 | CSS3/SCSS | Node.js | Express.js | Firebase

Mongo db | Git | Vercel | Google Cloud | Photoshop | REST API | CI/CD | Lambda | Electron

PROFESSIONAL EXPERIENCE

Full Stack Engineer   2022 – present
Live Current Media
- Collaborated alongside engineering team to re-architect new and existing features utilizing full stack technologies for the video streaming platform mainly in React and Node.js.
- Headed integration of newly acquired company assets from inception to full release within specified time frame.
- Overhauled applications ability to handle busy lobbies enabling a seamless viewer experience by managing app state and inter-process communications with Redux and React.
- Improved processes of sites main "Discover" page when relaying information from active stream sessions with WebSockets.
- Diagnosed performance issues of applications AWS Lambda architecture and provided suggestions for Docker and Kubernetes deployment.
- Worked closely with the UI UX team to create front end React components directly from Figma mockups and offer design suggestions.
- Optimized applications party search feature with Elasticsearch.

Media Production Lead   2019 – 2022
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
- Worked with the media team to capitalize on market shifts leading to the company's highest grossing year in 2021.

PROJECTS

ZAWN   2022
Full Stack E-Commerce Site
Live: zawnshop.com ⊘ Repo: github.com/djballowe/ZAWN ⊘
- 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

Mozilla Hubs   2022 – present
Open Source Contributor
Live: hubs.mozilla.com ⊘ Repo: github.com/mozilla ⊘ Article: Mozilla 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.

EDUCATION

Bachelor of Science in Environmental Science   2014 – 2018
Chico State University