

Brandon H. Rowe

+1.908.894.8198 • brandonhrowe@gmail.com • Brooklyn, NY
brandon-rowe.com • linkedin.com/in/brandonhrowe • github.com/brandonhrowe

Experience

Vimeo

Senior Software Engineer • August 2024-present

Software Engineer II • July 2021-August 2024

- Added support for multiple audio and DVR features within core player engine
- Spearheaded implementation of user-facing customization features for playback and UI
- Modernized Vimeo player codebase with Preact, Typescript, and SCSS
- Managed QoE and metrics frameworks

AMC Networks

Frontend Engineer I • Nov 2019-June 2021

- Built AMC Video Player using Brightcove
- Wrote reusable internal SDKs and React components with SCSS styling
- Led development of content compiler middleware to reduce page requests
- Created automation scripts to streamline development workflows

Fullstack Academy of Code

Software Engineer Mentor • Oct 2020-Feb 2021

Teaching Fellow • May 2019-Sept 2019

- Guided bootcamp grad with job search
- Conducted mock technical interviews
- Mentored ~40 software-engineer students on JavaScript-based fullstack
- Oversaw projects and technical interviews

Skills

Proficient

JavaScript/Typescript • React/Preact • Node • Python • HTML • CSS/SCSS • Zustand • Redux • Git • Jest • Media Source Extensions • DataDog • Brightcove SDK • FFmpeg • Adobe Creative Suites

Familiar

Golang • PHP • Bash • Rollup • Webpack • GraphQL • Next.js • Django • PostgreSQL • Cheerio • Cron • Express • Sequelize

Projects

Vimeo

• [Vimeo Player](#)

- **Multiple Audio:** Support for alternative audio track playback for videos
- **ABR Customization:** Options for users to modify playback engine behavior
- **DVR Transcript:** Dynamic transcripts during asynchronous live playback
- **Preact UI:** Rebuild of the Vimeo Player using a modern framework of Preact/Zustand
- **QoE Analytics:** Implementation of playback and product metrics tracking
- **CC Customization:** Ability for users to modify the font, color, and sizing of closed captions
- **Custom Colors:** Allows users to define their own color themes for the player

Preact, JavaScript/Typescript, Zustand, Redux, SCSS, Rollup, Python, Golang, DataDog SDK

AMC Networks

• [AMC](#) • [SundanceTV](#) • [BBCAmerica](#) • [IFC](#) • [WeTV](#)

- **AMCN Webapp:** Application to render out all AMC platform websites from one repo
- **Content Compiler:** Middleware API to handle all page requests and layouts
- **React Components:** Monorepo of reusable components across all web repos

React, JavaScript, Brightcove Player, SCSS, Node, Express, Handlebars, Cheerio

Education

Fullstack Academy of Code • Jan-May 2019

• Software Engineering Immersive Program

New York University

- BFA • GPA: 3.83 • Magna Cum Laude
- Major: Film & Television Production
- Minor: Metropolitan Studies