
TECHNICAL SKILLS

Strong: JavaScript (ES5/ES6), Python2/3, PHP, TypeScript, Git, Node, Flask, Express, Laravel, jQuery, Vue, Angular, React, HTML5, CSS3, Bootstrap, LESS, SASS/SCSS, UI/UX Architecture, Automated/Regression Testing, Performance/Web-Optimization
Experienced: Gulp, Webpack, MobX, Java, Dart, Flutter, Accessibility, Markdown, Github Wiki, AWS, Git Hooks, TeamCity, Technical Communication/Documentation, Sprint Planning, Agile/Scrum, JIRA/Confluence, ZenHub, AdobeXD, Web Templates

EXPERIENCE

Procore Technologies | Front-End Developer

April 2019 - Present

- Created a powerful web-editing experience with the Magnolia CMS by creating reusable modules so that content editors, web producers, and stakeholders with little to no coding experience can add, edit, and publish new web templates within a second.
- Deployed a MultiTree solution for the Magnolia JCR that contains all admin controls, web pages, and assets in an effort for international offices to easily edit newly created web pages and content from the US without the need to reach out to HQ.
- Performed post-production, automated regression tests of high traffic pages and revenue driving forms using WebdriverIO and Browserstack for parallel testing of multiple browsers and OS to catch critical errors immediately after deployments.
- Modularized JavaScript and SCSS directories by establishing a foundation from SMACSS and Atomic Design to reduce complexity of legacy directory structure and properly scale new projects easily with development team unison.
- Succeeded legacy Gulp scripts with Webpack to reduce build times, reduce build sizes by eliminating dead code via tree shaking, and optimize load times of web pages by code splitting node module dependencies from application scripts.
- Transformed the Procore website into a Progressive Web Application (PWA) by integrating Workbox in Webpack production builds in order to precache third-party and necessary UI scripts for offline use to preserve brand integrity.
- Efficiently loaded intensive render blocking scripts by lazy loading functionality based on user interaction in order to display meaningful content quickly and decrease Time to Interactive (TTI), increasing user session duration.

Collide LLC | Software Engineer

March 2018 - March 2019

- Teamed with iOS developer to restructure React onboarding apps in TypeScript to reduce type check and complexity of codebase.
- Utilized Nuxt.js to abstract server side rendering and decrease loads from 3+ seconds to 1 to optimize application performance.
- Generated build scripts for TeamCity to pull HTML updates of production code while migrating to generate Vue components.
- Replaced jQuery and Bootstrap Javascript library with a lightweight Vue library for consistent UI and decreased load times.
- With the Eloquent ORM crafted new Laravel Models and Controllers to authenticate users, generate web tokens, support generation and archive of live one-on-one video chat sessions between supporters and creators, and govern user settings.
- Developed new API Post for custom premium subscriptions by creating microservices to update user profiles in AWS Aurora DB.
- Leveraged Videojs styled components to ensure custom, consistent UI perspectives for multiple browsers and mobile support.
- Migrated component and base styles from SASS to LESS to integrate front end styles with the Laravel legacy project structure.

Poseidon Aquatics Inc | Full Stack Developer

November 2017 - February 2018

- Crafted a new sales representative desktop app with Muon and Angular to ensure a stable and secure app, cross platform support, and to succeed the original system that was only compatible with MS-DOS.
- Composed a new server side script in Node to handle requests from sales reps to the assembly line for continuous updates on inventory stock and prices in the database.
- Assembled a new database in MySQL to follow REST practice, route relational tables, and succeed the outdated FoxPro database.
- Increased efficiency of auto server side tasks by reducing time complexity of code to minimize Sequelize database interactions.
- Designed website with Bootstrap and utilized CSS media queries to create responsive layouts and increase user session duration.

The DDA Group - Cannes Film Festival | Content Distribution Analyst

May 2017

- Leveraged Python, Flask, and Tweepy to mine Twitter data and reduce time to aggregate daily clippings for clients.
- Calibrated WebGL by modifying device orientation events in client developers' code for exclusive VR demos in NXT Pavilion.
- Automated aggregation and filter of sensitive celebrity data in Excel to authorize relevant public figures' access to private events.

EDUCATION

California State University, Northridge B.A. - CTVA ~ Multimedia Production

2013-2017

Relevant Courses: Computer Fundamentals for Multimedia, Multimedia Design, Interactive Multimedia Development

2016

Certifications: Computer Science and Programming Using Python | MITx

2017

Front-End Web Developer Nanodegree | Udacity

2019

INTERESTS

In my spare time I'm learning and building Flutter apps for mobile and desktop. Outside of coding, I skate across the beaches in the South Bay, watch and make films with friends, frequently write screenplays, all while attempting to age gracefully like Henry Rollins.