WILLIAM HA

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Technical Skills

Front-end: JavaScript, GraphQL, HTML5, CSS3, jQuery, React, Redux, Bootstrap, Semantic UI, SASS
Back-end: Node.js, Express, MongoDB, MySQL, PostgreSQL, Sequelize
Testing/Tools: Cypress, Mocha, Chai, Jest, Circle CI, Git, Webpack, Babel, AWS, Heroku

Experience

Preferred Hotels & Residences | Web Developer (contract)   Mar 2020 - Present
- Tech stack: React, GraphQL, Next.js, Drupal, SASS
- Improved initial page load speed by 60% for complex pages using GraphQL queries and React infrastructure
- Created mobile-responsive and cross-browser compatible web pages and tested with BrowserStack
- Prioritized accessibility standards by developing and testing according to WCAG

Clicktool | Frontend Developer   Oct 2018 – Dec 2019
- Tech stack: React, Redux, MySQL, Node.js, Express
- Created library of reusable UI components which sped up frontend development time by 50% for team members
- Collaborated with UX designer to determine feasible designs and standards, and create SVG components
- Completed the redesign of the entire application frontend according to the mockups from Zeplin and Adobe XD
- Worked with QA analyst on Selenium to ensure an optimal and flawless user experience through E2E testing
- Ensured that the web application was mobile responsive and had cross-browser compatibility
- Integrated payment processors (Stripe, Authorize.Net) into user actions across the application

Self-Employed | Full-Stack Software Engineer   Jan 2018 – Oct 2018
- Created websites and applications for various clients and organizations
- Architected single-page applications and designed RESTful API endpoints
- Demonstrated flexibility by picking up and working with new technologies as needed

Software Engineering Applications

PlanCake | Collaborative event planning web application to discuss ideas, create itineraries, and organize information
- Tech stack: React, Redux, PostgreSQL, Sequelize, Node.js, Express, AWS RDS
- Designed database schema and system architecture and created modular components for use throughout app
- Utilized React Router and Redux to implement seamless single-page application and modularize code base
- Deployed to Docker environment along with AWS RDS and integrated all changes to code

PicWorthy | Social web application to share pictures and discover noteworthy locations near you and around the world
- Tech stack: MongoDB, Mongoose, Express, React, Node.js
- Created multiple application wireframes to explore and determine optimal interfaces for the user experience
- Enhanced application performance by offloading image management to Imgur API, reducing load times by 30%
- Integrated Google Maps API with MongoDB to utilize geospatial queries for key component of application

Education

UC Santa Barbara, *B.A. in Sociology*   2016
UC Santa Barbara, *Technology Management Certificate*   2016
Hack Reactor, Software Engineering Immersive Program