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Rob Bailey

Technical Skills

Advanced: JavaScript, TypeScript, Angular, PHP, HTML, SCSS, CSS, Responsive Web Design, Accessibility, npm
Intermediate: Git, MySQL, Jasmine, NodeJS, Express, Webpack, gulp, PostCSS
Beginner: Java, Linux Server Administration, MongoDB, GraphQL

Projects

Website
- Used the latest Angular framework
- Built a responsive photo gallery featuring lazy loaded images
- Created reusable components
- Configured and deployed to an Ubuntu Linux server

Website CMS
- Built a CMS using TinyMCE rich text editor and photo upload interface
- Integrated with third party APIs (e.g. DarkSky Weather, Google geolocation, DigitalOcean)
- Used Route Guards to secure the application

REST API
- Created a RESTful API using Object Oriented PHP
- Created and integrated with a MySQL database
- Implemented a file-upload service with thumbnail generator
- Built an authentication system using JSON Web Tokens (JWT)

Gravity Simulator
- Created a solar system simulator using HTML Canvas
- Used and configured Webpack to bundle code
- Implemented algorithms to calculate simulated force due to gravity

Work Experience

Oleeo / Quality Control Branding Specialist   January 2018 – Present
- Branded systems using HTML and SCSS
- Introduced git, SCSS and gulp into the branding process
- Reduced the time taken to brand a system by 50%
- Completed branding projects for clients such as Goldman Sachs, the Foreign & Commonwealth Office, the Houses of Parliament, Ministry of Justice and Evercore
- Developed SCSS templates to speed up the branding process
- Used JavaScript for DOM manipulation and to implement interactive menus
- Created a command line interface using NodeJS
- Ran training sessions to teach colleagues about HTML, CSS in addition to introducing SCSS and Git
- Worked to improve the accessibility of the product and increased overall awareness of common accessibility issues

Oleeo / Quality Control Executive   March 2016 – January 2018
- Conducted manual functional and regression tests
- Produced test scripts and reports

Education

Udacity / Front-End Developer Nanodegree   October 2018 – January 2019
- Completed projects involving Service Workers, Accessibility, Object Oriented JavaScript, Canvas Game and Jasmine Testing
- Contributed to the forums and assisted other students

Keele University / Physics with Philosophy (2:1)   September 2012 – July 2015