

Ashley Pean | Software Engineer

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TECHNICAL SKILLS

JavaScript (ES6+), React, Node.js, Express, SQL (PostgreSQL), NoSQL (MongoDB/Mongoose), HTML/CSS, Webpack, TDD (Jest), Version Control (Git/GitHub), Web Protocols (RESTful APIs, HTTP), Authentication (OAuth, JWTs, Bcrypt)

WORK EXPERIENCE

obServerJS | github.com/oslabs-beta/obServerJS | github.com/oslabs-beta/obServerNPM (Currently in pre-alpha phase)

- Created a client facing desktop application and NPM package that allows developers to monitor and debug Node/Express servers by providing full insight to changes made during the request-response cycle and integrating inter- and intra- function debugging capabilities by building on top of the pre-existing Express framework
- Currently developing features that would allow the user to debug asynchronous/synchronous server code line by line and provide insight on the server call stack, heap usage/statistics, execution context, and locally scoped variable changes
- Designed and developed the state management and caching protocols for the client-facing Electron application
- Developed an algorithmic approach to parse through the application stack to generate data across the entire application scope and through individual requests
- Product currently being developed under tech accelerator OS Labs (opensource.labs.io)

Black Valley | Software Engineer

- Created the Black Valley jobs platform with a team of three engineers during a three week sprint
- Integrated Webflow's headless CMS API with Next.js SSR technology to generate dynamically rendered content on the job postings site
- Designed and developed primary UI components used on both the jobs site and the main Black Valley homepage
- Optimized styling protocols with the use of higher order React components, Styled Components, and a defined style guide for other developers on the project to utilize

Mark43 | Software Engineer Intern

- Participated in company Bug Smashes and hackathons to improve maintenance and feature production of the company's report management system
- Led the creation and integration of a full-stack mentions plugin feature to increase client use of keyboard shortcuts
- Led and participated in weekly SCRUM meetings to ensure project goals and metrics were completed and tickets were properly assigned
- Created and reviewed technical documentation and implementation plans for software features and initiatives

Self-Employed | Freelance Developer

- Orchestrated the duplication and migration of Wordpress sites to various subdomains in an effort to generate more ad revenue through Google AdSense

Layer 5 | Open-Source Contributor

- Updated several UI components across multiple areas of the application to assist with the website redesign efforts
- Updated contributing guideline documentation in an effort to encourage newer developers to add to the software

PERSONAL PROJECTS

Code Kipper | github.com/ashleypean/code-kipper

- Developed a repository that allows users to save frequently used code snippets for use in future projects
- Integrated tooling to provide syntax highlighting, error tracking, and intellisense for 10+ languages
- Currently developing a plugin that will provide full integration with the client-facing app and allow users to create predefined keymaps/keybindings to generate code snippets in their text editor of choice
- Currently developing an integrated npm package and npx script runner that allows the user to generate fully functional and customizable folder/file structures with predefined code

EDUCATION

Florida Atlantic University | Psychology

HOBBIES

Tiny-house/RV living, looking up homes on Zillow that I can't afford, music