James Kernicky

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SUMMARY

Self-taught web designer and developer, lifelong learner. Built 3 personal WordPress websites, one of which used my custom theme. Have completed online courses on responsive web design, JavaScript, UI/UX design, React, and WordPress theme development. Experienced with Git, GitHub contributing, SEO, and article writing.

SKILLS

- HTML, CSS, SCSS, RWD, JavaScript, TypeScript, WordPress, React, MongoDB, Mongoose, Express, JSON, Git, GitHub, Bootstrap, Tailwind, NPM, Postman, cPanel, Photoshop, Figma, and DevTools.

APPLIED SKILLS

Web Design & Development

- Built projects using Vanilla JS, TypeScript, React, Bootstrap, PostCSS, Tailwind CSS, Firebase, and MongoDB, and deployed them on Netlify and Vercel.
- Installed node.js for common front-end NPM packages such as TypeScript, React, Vue, Astro, Webpack, Parcel, PostCSS, Tailwind, & File system, and ran dev and build scripts.
- Configured Webpack to use PostCSS and perform automation, hot module replacement, code splitting, and bundling CSS and JS files.
- Used the HTML Video & Audio Web APIs to build custom Video and Audio players. Also used Fetch, Web Storage, and the Clipboard APIs for various projects.
- Built my portfolio page to highlight my projects and the skills learned from various online courses.

WordPress Theme Development

- Built a responsive custom theme named Tower using the Underscores starter theme. Created child themes and custom templates, and registered custom post types via the mu-plugins folder.
- Wrote the CSS rules for my theme's style.css and editor-style.css files. Utilized multiple local development WordPress installs to test JavaScript and changes to my template files and CSS.
- Utilized functions.php file to add theme support for post formats, thumbnails, registering widgets, enqueueing CSS and JavaScript files, setting the excerpt length, and a custom breadcrumbs function.

Git, GitHub, & Open Source Contributions

- Used Git with Git Bash and VS Code to clone repositories and contribute PRs and Issues to freeCodeCamp, MDN, and a few smaller repos on GitHub.
- Projects on GitHub include my WordPress theme, React Tarp Configurations, Guitar Chord Namer, Writing Assistant, JS Weather App, Word Count WordPress plugin, and a Township leaf collection schedule.

Education

- Bachelor of Science in Operations Management, Drexel University, Philadelphia, PA.
- Paid course topics: *WordPress Theme Development*, *Vanilla JavaScript, Web Developer Workflow, MySQL, Web Design*, *UI/UX Design*, *JavaScript Algorithms & Data Structures*, & *Web Developer Bootcamp*.
- Free online courses: *Conquering Responsive Layouts* (Kevin Powell), *Responsive Web Design*, and *JavaScript Algorithms & Data Structures* (freeCodeCamp).