Stephen Vector

Front-End Developer

New York, NY
stephenvector.com
stephenvector@pm.me
(678) 770-8925

Front-end software developer with a focus on building performant web apps using JavaScript and/or TypeScript. Composes applications using front-end tools like React, Redux, MobX, Immutable.js. Builds backend services & APIs using Node.js. Interfaces with clients to architect a fitting technology strategy that takes projects from the early stages through fruition.

Work Experience

Front-End Web Developer - Independent Contractor

2015-present - New York, NY
- Develop React apps and Node.js backend services using JavaScript & TypeScript
- Create Server-Side Rendered apps using fullstack JavaScript stacks
- Build serverless cloud functions for background tasks like media formatting, email integration, and payment processing

Creative Technologist at Partner & Partners

2018-2019 - New York, NY
- Developed single-page applications, server applications.
- Created authorization solutions for IoT devices and websites; Set up pipelines for deploying projects to staging & production.
- Built frontend & backend solutions around a variety of client software stacks: Headless CMS, Drupal, WordPress, etc. Migrated legacy projects to modern, maintainable stacks.
- Developed scripts & software for Linux-based IoT devices. Documented, maintained, tested backend & IoT client codebases.

Frontend Developer & WordPress Theme Developer

2012-2014 - Atlanta, GA
- Developed and managed WordPress sites for local businesses, integrated shopping carts & social media streams.

Skills

- **Frontend Application Development**: React & vanilla JS. JavaScript & TypeScript.
- **State Management/Data Structures** - Mobx, Redux, Flux architecture, Immutable.js
- **Node.js** -Cloud functions, server-side rendering, & development tooling

- **Testing** - Jest, Mocha, Selenium
- **Styling** - CSS3, Styled Components, Emotion, Sass, Less.
- **Internet of Things** - Client/Server applications in JavaScript

Selected Projects

Open House New York - ohny.org
- Architected a custom CMS that allowed OHNY to organize their data into flexible data structures and map relationships across content types
- Built in React, using Google Firebase for authentication, cloud functions, media management, and database.

Urban Design Forum - urbandesignforum.org
- Integrated custom WordPress JSON API and integrated into a Node.js static site generator that utilizes Jade templates.

Poursteady - poursteady.com
- Developed a realtime database syncing application using Node.js that kept coffee machines in sync with web app. Contributed to frontend website construction.

Justseeds - justseeds.org
- Created a custom plugin for WordPress to sort and filter thousands of posts across multiple post types.
- Sales went up 60% after launch of site redesign

Fast Food Justice - fastfoodjustice.org
- Developed an editable frontend web app that supports translation across a dynamic number of languages.
- Built custom registration system for managing paid memberships

Open Source Projects

Prefab
github.com/stephenvector/prefab
- A collection of components designed to be flexible enough to compose into more complex components
- Written in TypeScript, React.

Picto
github.com/stephenvector/picto
- React SVG icon components generated using simple geometry.
- Written in TypeScript, React.