JASON SMITH

Frontend Engineer

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SUMMARY

Frontend Engineer with 13+ years of experience in early-stage start-ups. Committed to continuous improvement and an empathetic approach to crafting high-quality code in a team environment.

SKILLS

React · Typescript · NextJs · Redux · Node.js · Jest · HTML · SASS · GraphQL · Figma

WORK EXPERIENCE

Frontend Engineer
AutoNation Mobility | 08/2023 – 02/2024

- **React Components**: Crafted modular, configurable, and responsive React functional components and custom hooks.
- Collaborated with Product and Design teams to build shopping and checkout features with React and NextJs.
- Led the migration from Google Maps to Bing Maps to support location-based auto-completion and store location maps.
- **CMS Integration**: Built content models and wrote GraphQL queries to consume content from Contentful's REST APIs.
- **Vendor Integration**: Implemented Stripe Payment SDK to manage user payment methods and the Tealium SDK to capture click and page view analytics.
- **AWS**: Monitored CloudWatch logs for back-end errors and debugged and/or escalated as necessary.
- Resolved bugs of varying severity.
- **SKILLS**
  React · Typescript · NextJs · MobX · NodeJs · Jest · HTML · SASS · GraphQL · Figma

Frontend Engineer
Milliman | 02/2014 – 05/2023

- Crafted the Frontend architecture from the ground up using MVVM and observer pattern.
- **React Components:** Successfully migrated Knockout.js view-models to React functional components.
- Led Frontend feature initiatives, and collaborated on system and UI design, workflows, REST APIs, and data contracts with server-side team and Product owners.

- **Unit Testing**: Created Jest unit tests to ensure the stability of our data model business logic.
- **CI/CD Pipeline**: Created end-to-end CI/CD pipeline steps in Azure DevOps to automate dependency installation, code base build, and unit testing
- **OWASP:** Integrated the OWASP DOMPurify SDK into our file upload process to identify threats.
- **SKILLS**
  React · Typescript · Knockout.js · Node.js · Jest · HTML · SASS · Webpack · GIT · SQL · C#

Frontend Engineer
Innovata **|** 03/2013 – 02/2014

- Crafted UI components with KnockoutJs and RequireJs.
- Built JSON transformation algorithms for complex airline scheduling data and developed flight itinerary validation algorithms to streamline the user experience.
- Engineered algorithms to accurately display dates and travel duration when an itinerary crosses a timezone and/or the international date line.
- Integrated the Google Maps SDK to render custom markers for airport locations and custom click behavior to select itinerary steps.
- Implemented a Google Maps marker rendering optimization that increased render time by 60% on IE7 by only rendering map markers that fall within viewport bounds.
- **SKILLS**
  JavaScript · Knockout.js · Require.js · HTML · SASS

Frontend Developer
Pratt Industries **|** 11/2011 – 03/2013

- Developed nine independent company sites with the WordPress multi-site platform.
- Built a moving calculator for Home Depot that suggests packing materials based on user-selected room configurations; written in C#, JavaScript, HTML, and SASS.
- Built a responsive mobile shopping app with Backbone.js, HTML, and SASS.
- Enhanced user experience through code customization of the WordPress platform using PHP, JavaScript, HTML, and CSS.
- Built REST APIs to send/receive JSON data using C#, and PHP.
- Automated database backups with BASH scripts to deliver assets to AWS Simple Storage Service.
- **SKILLS**
  JavaScript · Backbone.js · HTML5 · SASS · WordPress · PHP · C# · BASH · AWS

EDUCATION

BA **|** Geographic Information Systems (Geography)
05/2000 · San Diego State University

PROFESSIONAL DEVELOPMENT

Udemy Course | The Ultimate React Course 2024
Udemy Course | Node.js, Express, MongoDB