JASON SMITH

Full Stack Engineer

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SUMMARY

Fullstack Developer with 13+ years of experience in early-stage start-ups, embracing a growth mindset. I am committed to an empathetic approach to shaping business needs into solid technical solutions.

SKILLS

Typescript · HTML5 · SASS · React · Node.js · Express · REST · MongoDb · SQL · Jest · Docker

WORK EXPERIENCE

Fullstack Engineer
CORE Education | 05/2024 – Present

- Utilize MySQL with PHP and NodeJs for database management and web development.
- Developed an automation using Bun.js to convert LeadSquared CRM data into flat files, which are then distributed via SFTP. The application is fault-tolerant with email and graylog notifications.
- Led the implementation of Storybook to manage our expanding Frontend component library.
- Build and maintain custom components for TerminalFour and Cascade CMS for universities.
- Build custom HTML, JavaScript, and Tailwind CSS components from scratch.
- **SKILLS**
  Typescript · HTML · CSS3 · Node.js · Express · PHP · Tailwind · Linux · Docker

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

- **React Components**: Crafted modular, configurable, and responsive React functional components and custom hooks.
- Built a sitemap generator on top of Node.js that scraped the directory tree and built a xml sitemap at runtime.
- 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 · AWS

Fullstack Engineer
Milliman | 02/2014 – 05/2023

- Crafted the Frontend architecture from the ground up using MVVM and observer pattern.
- **Node:** Built a Node.js application to fetch backend data and generate downloadable Excel files.
- **React Components:** Successfully migrated Knockout.js view-models to React functional components.
- Led feature initiatives, and collaborated on system and UI design, workflows, REST APIs, and data contracts with server-side team and Product owners.
- **OWASP:** Integrated the OWASP DOMPurify SDK into our file upload process to identify threats.
- **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
- **SKILLS**
  React · Typescript · Knockout.js · Node.js · Azure · 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 REST APIs in C# and PHP for exchanging JSON data.
- Built a moving calculator for Home Depot that suggests packing materials based on user-selected room configurations; written in C#, JavaScript, HTML, and SASS.
- Developed nine independent company sites with the WordPress multi-site platform.
- Automated database backups with BASH scripts to deliver assets to AWS Simple Storage Service.

- 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.
- **SKILLS**
  JavaScript · Backbone.js · HTML5 · SASS · WordPress · PHP · C# · BASH · AWS

EDUCATION

BA | Geographic Information Systems (Geography)
San Diego State University

PROFESSIONAL DEVELOPMENT

Udemy Course | Node.js, Express, MongoDB
Udemy Course | Docker & Kubernetes: The Practical Guide