

James Rathahao

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SUMMARY

- With more than 5 years of experience in the IT industry engaging in front-end development, which includes accumulated years of experience using React, HTML5, CSS3, Sass, Less, Styled Components, JavaScript, TypeScript, Gatsby, jQuery, Node, Express, MongoDB, etc.
- In-depth knowledge of MongoDB, Express, React, and Node.js (MERN) and capabilities to implement integration into successful Single Page Applications (SPAs).
- Concrete understanding of important concepts such as React components, JSX, Virtual DOM, Redux, Flux, and unidirectional data flow.
- Proficiency in server-side application development tools including Express, OAuth 2.0, Passport, token, file system, and event dispatcher in the Node environment.
- Sturdy skills of HTML5, CSS3, JavaScript, and various other web development tools to build cutting-edge web applications.
- Acquaintance with different underlying web security loopholes including SQL injection, CORS, cross-site scripting, etc., and possession of know-how knowledge to cope with them.
- Profound understanding of CSS framework customization involving Bootstrap, Semantic UI, Material-UI in conjunction with SCSS and Styled Components.
- Demonstrated proficiency in creating interactive applications with integration of web services through RESTful API and building web service APIs complying with the REST architecture.
- Hands-on experience handling SDLC phases such as Analysis, Implementation, and Maintenance using Agile and Scrum methodologies.
- Extensive expertise conducting unit tests by building test cases using Mocha, Chai, Jest, Enzyme, etc.
- Working experience using version control management tools such as Git.
- Self-driven learner with great passion in new technologies and advocate for knowledge sharing with peers.

TECHNICAL SKILLS

Programming Languages:	JavaScript, TypeScript, SQL, NoSQL
Client-Side Development:	React, HTML5, CSS3, jQuery, SCSS, JSON
Server-Side Development:	MongoDB, Express, Node.js
Testing Runners:	Jest, Enzyme, Testing library, Postman
Version Control and Project Management:	Git, JIRA, Trello
Development Methodologies:	Agile/Scrum, Waterfall

WORK EXPERIENCE

Oak Street Health

Jun 2020 - Present

React Developer

Chicago, IL

Project: Canopy

Canopy is an internal application and only Oak Street Health employees have user accounts. Oak Street Health patients may be asked to sign patient forms or provide information in Canopy during the Patient Registration process. Canopy is the most extensive peer network for healthcare providers to team up, communicate de-identified information, and look into uncommon ailments as well as innovated techniques to push the limits of the medical industry. Canopy enables its users to conveniently create cohorts and automatically run research quality reports, auto-generate methodology outputs, drag and drop into peer-reviewed papers, and explore as well as export data in auto-generated charts and figures with colleagues.

Responsibilities:

- Managed the development of a shared UI library for the SPA using React, Babel, Webpack, SCSS, HTML5, JavaScript, etc.
- Implemented the schedule viewing table with Material UI, React Hooks, and Redux.
- Refactored the React components' state into Redux to increase scalability and code readability.
- Used React Router to achieve dynamic routing and to avoid blankness caused by web page refreshes in the application for seamless user experience as the user navigates throughout the website.
- Built decent and user friendly interfaces for content pages in the SPA through CSS layouts along with style mark-up presentations in JavaScript.
- Utilized NPM to manage various versions of code and code dependencies while upgrading the application conveniently as the source code is altered.
- Developed the router for the SPA to send HTTP requests while carrying out both synchronous and asynchronous data by using of Node.js and Express.
- Wrote unit tests using testing runners such as Jest and Enzyme for the application.
- Managed version control and tracked code changes during the application development using Git.
- Participated in the Agile/Scrum development process and reported to the administrative team regarding development progress in a timely manner.

Environment: React, Redux, React Router, Node.js, HTML5, CSS3, JavaScript, Express, RESTful services, Git, Jest, Testing Library

Peapod Digital Labs

Aug 2018 - May 2020

Web Developer

Chicago, IL

Project: PDL eCommerce Order Fulfillment Infrastructure

The PDL eCommerce Order Fulfillment Infrastructure is an internal technical suite that encompasses the entire process behind getting an order delivered to a customer after they order it online. This part of the supply chain entails receiving and storing inventory, processing orders, picking items, packing boxes, and transporting the items to the customer's shipping destination. The internal infrastructure facilitates company business through the following features: Inventory Management, Order Management, Advanced Filters, Advanced Reporting, Returns Management, etc.

Responsibilities:

- Developed dynamic website pages for the client-side application using React along with Bootstrap and upgraded its user experience both visually as well as functionally through developing responsive UI components through CSS3, JavaScript, HTML5, etc.
- Managed unidirectional data flow via Props and States of class components by creating re-usable React components for the web application.
- Used Redux to downgrade the intricacy of handling states over time during the development process of the application.
- Promoted smooth user experience by utilizing React Router to enhance browser performance, which enabled users to refresh the page without the interruption of the page view.
- Developed style components that could be recycled throughout the application by making use of CSS preprocessors such as SCSS.
- Handled the server-side code to design through RESTful APIs using Node.js and Express.
- Ensured the stability and accessibility of the application with self-created test cases using Jest and Enzyme.
- Guaranteed swift and reliable development collaboration using Git as the version control tool.
- Actively involved in daily stand-up meetings, periodic sprint reports, as well as other Agile/Scrum work activities.

Environment: HTML5, CSS3, JavaScript, React, React Router, Redux, Node.js, Express, SCSS, RESTful API, Jest, Testing Library, Git, Agile/Scrum methodologies

PNC Financial Services

Aug 2017 - Jul 2018

Front-End Developer

Chicago, IL

Project: Fixed Rate Mortgage Management Platform

The Fixed Rate Mortgage Management Platform helps the lender work with a borrower to complete a mortgage transaction. During this process, borrowers must submit various types of financial information and documentation to a mortgage lender, including tax returns, payment history, credit card information, and bank balances. Mortgage lenders use this information to determine the type of loan and the interest rate for which the borrower is eligible, which can be managed digitally through the platform to reduce time cost and thus improve efficiency. This application has multiple modules which are Application Management, Accounting Management, Customer Database, Fee Management, Investor Management, Loan Processing.

Responsibilities:

- Took responsibilities for developing web widgets by making use of cutting-edge web technologies such as HTML5, CSS3, JavaScript, Bootstrap, SCSS, and the MERN stack.
- Established an SPA with React components using State, Specs, Props, and Events through the React architecture, Webpack, and Gulp.
- Utilized React Router to achieve dynamic routing for HTTP requests.
- Used Redux to manage states and the pass-around of stateless data in the components for the SPA.
- Designed and implemented CSS templates that might be reused throughout the application by utilizing CSS history, setting, margin, padding, table, etc.
- Developed web components consisting of but not limited to Button, Checkbox, Input Area, Icons, Toggle Button, Drop-down Menu for re-usable UI collections following UI standards requirements.
- Used NPM to generate organizations to coordinate package upkeep, coding and to conform packages of code for the SPA.
- Built HTTP RESTful APIs using Node.js along with Express while extensively testing RESTful services via Postman.
- Created screening cases and wrote unit-tests using testing tools such as Jest and Enzyme.
- Used Git to team up with peer developers collaborative development with velocity and productivity.
- Participated in the Agile/Scrum process that featured daily stand-up meetings and seasonal sprints, etc.

Environment: React, Redux, HTML5, CSS3, JavaScript, Node.js, Express, RESTful services, Git, Jest, Enzyme, Postman, Agile/Scrum methodologies

CCC Intelligent Solutions

Jan 2016 - Jul 2017

Web Developer

Chicago, IL

Project: Vehicle Insurance Claims Management System

The Vehicle Insurance Claims Management System helps insurers manage and evaluate insurance claims. It allows agents to manage the claims process with automated workflows, ensuring that all claim details are recorded within a centralized system of record. Claim details can include litigation, negotiation, settlement communications, relevant policy information, and claim assessments. It helps insurers reduce claims management costs, reduce fraudulent claims, and enhance customer experience. This application has multiple modules which are Claims Resolution Tracking, Compliance Management, Policy Administration, Case Management, Electronic Claims and Forms Management.

Responsibilities:

- Applied modern client-side and server-side development technologies such as HTML5, CSS3, as well as JavaScript into creating interactive web pages for the SPA.
- Engaged in the design of conceptual UI web structures and executed the design protocol using CSS3 and JavaScript based on the given requirements and guidelines.

- Brought out client-side authentications for the in-built web application using JavaScript and jQuery.
- Developed UI prototypes that could be clicked while refurbishing the existing website by adding new features utilizing HTML5 and CSS3.
- Boosted cross-browser compatibility and carried out responsive designs for the application using the Media Query in CSS3.
- Retrieved data from APIs/web services via Ajax-JSON calls to update DOM of the website within collections of outcomes.
- Operated on testing frameworks such as Mocha and Chai to perform unit tests for the web application to ensure reliability and stability.
- Used Git for version control as well as tracking and tracing project development while effectively collaborating with other developers.
- Took part in the Agile/Scrum workflow in the development process.

Environment: HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, Mocha, Chai, Git, Agile/Scrum

PERSONAL PROJECT

Vrpixs.com

Vrpixs.com is a photography portfolio that combined my photography skills with my coding skills. It showcases my passion for photography along with my expertise in the field. It also challenges my coding skills as I limited myself to using only the simplest / bare minimum technology stack in web development.

Responsibilities:

- Implemented a customized and responsive gallery grid inspired by Flickr's justified layout using CSS grid, photos and grid layout randomized every page refresh.
- Created a view option that switches from a grid-view to slideshow-view and vice versa based on device type and screen size.
- Developed a feature for slideshow-view displaying photos dynamically based on device orientation to prevent mismatch art-direction.
- Lazy-load highly compressed HQ images on thumbnails to improve site weight and responsiveness.

Link: <https://www.vrpixs.com>

Environment: HTML5, SCSS, JavaScript, Adobe Photoshop, Adobe Lightroom

EDUCATION

Illinois Institute of Technology

B.S in Computer Science

Chicago, IL