

# James Wang

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## PROFESSION SUMMARY

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- About 7 years of IT experience specialized as modern web applications designing and web development using HTML5, CSS3, JavaScript, TypeScript, ReactJS, and NodeJS
- Considerable expertise with ReactJS and usage of both class components and functional components in various projects
- Extensive experience in implementing state management solutions in ReactJS using both Redux and ReactJS Context API
- Improving cross-browser compatibility and performing responsive design for the web application using media queries in CSS3
- Vast knowledge and hands-on experience in DOM (Document Object Model) manipulation using Web APIs
- Writing unit tests and integration tests for ReactJS application using Jest and React Testing Library with at minimum 85% code coverage
- Knowledge of modern authorization and authentication mechanisms using JSON Web Tokens(JWT) and express middleware
- Rich and varied experience in implementation and maintenance with Agile and Waterfall software development lifecycle methodologies

## TECHNICAL SKILLS

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### Programming Languages

JavaScript, TypeScript, Java, C#, Python, PHP

### Web Technologies

React, NodeJS, HTML5, CSS3, SCSS/SASS, AJAX, NextJS, Express, Babel, Webpack, MySQL, SQL Server, MongoDB, Redux Toolkit, VueJS, JQuery, StencilJS

### Testing Environment

Jest, JUnit, Mocha Chai, Postman

### Other Software/Resources

Jira, Github, SVN, VS Code, Eclipse, Figma, Bootstrap, Material UI, Ant Design, Linux, Lighthouse

## WORK EXPERIENCE

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### Thrift Books Global, LLC

MAR 2022- PRESENT

Web Developer

Dallas, TX

Project: Reading Rewards

#### DESCRIPTION:

ThriftBooks builds the processes to purchase, grade, and distribute used and rare/collectible books, and offers quality used and new books, at low prices, delivered directly to customers. Reading Rewards Program provides registered members of Thriftbooks.com with special reward, discount and promotional offers.

#### RESPONSIBILITIES:

- Took responsibilities in development with React functional components using React hooks, states, props, and synthetic events
- Tested components with Jest and React Testing Library with at maximizing code coverage
- Integrated CSS modules with React components for resolving conflicting namespace
- Contributed to a shared component library for the web application using Storybook, Typescript, SCSS/SASS, React
- Fetch data from web services using AJAX calls with JSON responses to load results to the HTML
- Used NodeJS and Express for making calls (GET, POST, PUT, DELETE) to trigger or fetch data from Restful APIs provided by the back-end team
- Extracted UI designs from Figma to apply replicating styles to UI component libraries
- Participated in the Agile/Scrum developing workflow and composed seasonal sprint reports of deliverables to the management team
- Understood the use cases for Object Oriented Programming and Functional Programming and when to use them
- Updated component features that aligned with specifications and user interface design requirements
- Used NPM to manage multiple versions of code and code dependencies while updating applications easily when the underlying code is changed
- Converted multi-page application into single-page application with React Router
- Transitioned legacy HTML into responsive React UI components for improved performance and maintainability
- Securely handled accessible content with JSON Web Tokens(JWT), localStorage, and cookies

**RealPage INC**

JAN 2020 - MAR 2022

Web Developer

Dallas, TX

Project: ActiveBuilding

**DESCRIPTION:**

RealPage provides a technology platform that enables real estate owners and managers to change how people experience and use rental space. Clients use the platform to gain transparency into asset performance, leverage data insights and monetize space to create incremental yields. ActiveBuilding's resident portal offers residents self-service, mobile connections to every aspect of apartment life, increases online payment adoption, drives more renewals, and monetizes community amenities, events and rentable items.

**RESPONSIBILITIES:**

- Achieved dynamic routing nested routing, and redirecting using React Router
- Made use of NPM to manage modules and used it to install development tools that come handy
- Used Git to perform version control in various development projects
- Wrote test cases for unit tests of the application and worked with QA and Support teammates to diagnose and fix bugs
- Performed Unit testing on React applications using Jest and React Testing Library
- Maintained documentation for other developers to contribute and expand the codebase without complications
- Worked in an Agile/Scrum environment to continually deliver new features for every sprint
- Created projects with NodeJS and handle dependencies with package.json
- Practiced the SOLID principles for a more simpler and understandable OOP design structure
- Improved SEO through HTML Semantics and Accessible Rich Internet Application (ARIA) attributes
- Used Redux with actions, stores, and reducers, and separating logic from UI Layout with Redux Thunk
- Used Express with Node.js to make calls for triggering or fetching data from RESTful APIs provided by the back-end team

**NTT Data INC**

MAR 2018-JAN 2020

Front-End Developer

Dallas, TX

Project: Dollfia

**DESCRIPTION:**

Dolffia is an AI-based document processing platform that automatically classifies a wide range of document types and extracts the salient information they contain at speed and with high levels of accuracy. By automating repetitive manual processes, Dolffia boosts throughput, reduces human errors and allows employees to focus on tasks requiring human judgment.

**RESPONSIBILITIES:**

- Assisted with the UI web structure and implemented the protocol using CSS3 and JavaScript based on the provided requirements and guidelines
- Extended the product's front-end capabilities and user experience
- Worked side by side with designers and strategists to rapidly prototype and build digital products
- Writed CRUD commands for SQL and MongoDB queries to connect with Express
- Participated in daily stand-up meetings, periodic sprint reports, as well as other Agile/Scrum work activities
- Implemented the MVC pattern to make code scalable, re-usable, and low maintenance
- Expanded on using single page application with React router to seamlessly navigate through their website
- Used and understood concepts like Promises, Async, Await, Fetch, and Axios to consume RESTful APIs
- Used version control with Git in the project development

**Spero LLC**

NOV 2016-MAR 2018

Software Tester

Dallas, TX

Project: Positive Train Control

**DESCRIPTION:**

Positive Train Control (PTC) systems are designed to prevent train-to-train collisions, over-speed derailments, incursions into established work zones, and movements of trains through switches left in the wrong position.

**RESPONSIBILITIES:**

- Reduced errors and discovered bugs through test cases and tested results
- Conferenced weekly with team members about changing software conditions and requirements
- Determined and promoted within the team the prioritizing of a list of user requirements and specifications for testing

- Credited with writing scripts for black box testing and Web apps testing
- Executed Visual Studio tests with scripts, test planning, and test logging
- Focused the quality control in work products through HTML and CSS
- Managed automatic scripts with C#, T-sql, Xml
- Designed test plans of acceptance testing, unit testing, integration, and system testing
- Installed cost-saving software tools and software applications to find defects
- Brought a perspective of understanding network engineering to relevant cases
- Sought collaboration with team members or with clients to be on the same page of manual and automation testing cases even into the final phases before product release
- Performed work products according to the double-V testing model checkpoints
- Checked load testing procedures and either met deadlines or delivered ahead of schedule