

Inventive Full Stack Developer with 3+ years of comprehensive expertise in Web Development, UI/UX & Design, JavaScript/React/Redux areas. Dedicated in Modern Web technology and cloud.

Top Skills

Front-end: JavaScript (3yrs), HTML5 (3yrs), CSS3 (3yrs), TypeScript (2yrs), React/Redux/Hook (3yrs), NextJs (2yr), JSON, SASS/SCSS, Webpack, Jest, TDD, Bootstrap, Material UI, Restful API, WPA

Back-end: Node (2yrs), Restful API Express, AWS

Database: MySQL, MongoDB

Project Management: Agile, Jira, GitHub, GitLab, Git Bash

Additional skills: OAuth, JWT, Passport, Payment Gateway, Firebase, AWS, SEO, i18next internationalization, SSR SSG, Team Player

Work Experience

YongeSolutions Tech Inc. - Toronto, ON

Full stack Developer

06/2020-Present

Related skills: Html5, CSS3, React, React Hook, Redux, WebSocket, Material UI, TypeScript, NodeJS, Jest, AWS

1. Customer Relationship System

- This project is for internal use. The main purpose is to manage customer information, generate and send contracts, and booking appointment, meeting schedules, online contract signing
- Deployed several forms by using Echarts package and MUI X components, communicated with Backend to fetch data for different time spans
- Tested Restful APIs with Postman, and debugged them
- Created shortcuts for search bar pop-up and clear search bar data, leading to a 25% increase in work efficiency
- Optimized SCSS animation with Framer Motion and encapsulation, and solved CSS conflict issues, Lighthouse Performance score improved by 10%

2. Business Dashboard

- This project is for internal use. The purpose is to display company sales data and generate tables, host data on the AWS cloud, and manage state with useContext API
- Improved performance by 20% by removing Bootstrap from the project to solve 3rd-party UI library conflict and upgrading style and CSS animation
- Upgraded AWS amplify UI component of the Login page to the latest version
- Built pages to display hook forms, communicating with the cloud through GraphQL

3. Home page of corporate promotion

- This project is to optimize the performance of a company's website. The project was created with Next.js, Typescript, and state management was done with Redux and Thunk
- Improved performance score from 28 to 80 by fixing animation-triggered bugs, encapsulating HOC components, solving Static Generation data transfer issues, and creating custom hooks
- Introduced and triggered animation effects by using Framer-Motion

Digitech IT Solutions - Toronto, ON

E-commerce Online Shopping Mall

- Created components for single page web-based application using React, React Hook
 - Skinned the app according to the UX/UI design requirement in Adobe XD and Figma
 - Created global state for state managing in Redux
 - Conducted unit test via Jest
 - Created and maintain the email templates in NodeMailer
 - Changed the logic flow to add new functionality to the Management Portal
 - Optimized the application by removing the redundant API calls or replace in the related components
 - Improved the branching strategies on Git/Bitbucket and released strategies on jira
 - Created an e-commerce furniture platform SPA by using React, React-Redux, Redux-Form, with (Express + NodeJS) as REST API back-end to talk to database (MySQL)
 - Developed data driven dynamic applications for rendering full accessible user interfaces. Followed responsive and mobile first rules to design layout and components
 - Created various components, used React Hook and universal store using Redux
 - Demonstrated graphs, tables using third party libraries such as React Hook Form
 - Integrated online payment channel of PayPal Restful API
 - Communicated with back-end such as search, get, post etc. using Fetch and Axios
 - Integrated user management through JWT token
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Education**Environmental Engineering –Master Degree**

University of Science and Technology Beijing, ON, 2014-2017