Brian Yao

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Portfolio: https://brian-yao.com | github.com/brian-yao

SUMMARY

> Over 5 years of professional experience in front-end development using HTML/HTML5, CSS/CSS3, JavaScript, TypeScript, React, React Router, Redux, jQuery, Express, Node.js, JSON, and various other web development tools to build cutting-edge web applications.

> Extensive experience in implementing components using React life-cycle architecture, as well as using React-redux to handle real-time data and Redux-Thunk for API calls and async operations. Proficient with configuring Redux Toolkit and debugging with Redux devtools extension.

> Deep understanding of routing patterns and fundamental web concepts including HTTP requests and methods.

> Demonstrated proficiency in creating interactive applications with integration of web services by utilizing RESTful API and building web service APIs compliant with REST architecture.

> Prior experience in dealing with Oracle, MySQL, and MongoDB databases.

> Professionalism in implementing Enterprise Applications with a full life cycle of software development using Agile/Scrum or Waterfall methods.

> Internship experience in Data Science/Machine Learning.

> Proficiency in front-end Unit Testing with Jest and Enzyme.

TECHNICAL SKILLS

Web Technology:	JavaScript, CSS3, HTML5, React, Node.js, GraphQL, Typescript
JS Frameworks:	Backbone.js, Next.js, Gatsby
UI and Design:	Material UI, Materialize, Sass, Bootstrap, Styled Components, Tailwind
Backend / Scripting:	Python, PHP, Java
Databases:	MySQL, MongoDB, Oracle
Testing Suites:	Jest, Enzyme, React Testing Library, Cypress
Deployment:	Travis CI, Docker, NGINX, Jenkins
Version Control:	Git, Bitbucket, SVN
Methodologies:	Agile Scrum, TDD, BDD, Waterfall

WORK EXPERIENCE

PayPal Inc.   February 2021 - Present

NodeJS Developer   *Remote*

Project: Worldready-js i18n Library

- Assist with maintaining internal library for Internationalization and Localization used by hundreds of applications throughout the company.

- Helped to detect and resolve critical bugs blocking major business pipelines and project releases.

- Provided support for implementation and version migration of applications utilizing our i18n JS library.

- Worked on optimizations that reduced the size and latency of metadata being generated by the application.

- Helped to integrate KrakenJS (node framework) to new applications and configure locale middleware for detecting user's primary language and location details.

Cedar   December 2020 - January 2021

Fullstack Developer   *New York, NY*

Project: Cedar Pay

- Responsible for creating efficient design and developing UI for the web application using HTML5, CSS3, JavaScript, Node.js, React, etc.
- Helped to develop RESTful api as well as documentation for data consumption from the backend.
- Handled frontend and retrieved data from backend using Redux-Thunk middleware with MongoDB.
- Managed global state by using Redux and persisted certain parts of the state to the device via Redux Persist.
- Implemented payment feature using Stripe api to handle secure transactions.

K Health   April 2019 - September 2020

Back-End Developer   *New York, NY*

Project: Primary Care Management Platform

- Created a CI/CD pipeline using Jenkins and automated build process for Java applications.
- Collaborated with PMs and UX designers to support over 200 use-cases in the product and implemented Cypress test framework to monitor those use cases daily, reducing time to detect broken use-cases.
- Developed new REST api requiring changes in 3 Java services and integration with client-side team which affected over 9k endpoints.
- Integrated Docker containers for database and streamlined testing and deployment effort to AWS EC2 server.
- Migrated Waterfall to Agile methodology and effectively took part in daily scrum meetings to deliver the tasks and project within time.

Policygenius   January 2018 - February 2019

Front-End Developer   *New York, NY*

Project: Online Insurance Quoting Application

- Developed front-end applications and user interface using React.
- Ensured the technical feasibility of UI/UX designs and turned designs into maintainable and scalable codes.
- Created Axios HTTP requests and interceptors in Redux-Thunk middleware to consume REST APIs and store data by dispatching redux actions, subscribing data, and connecting it to components from Redux store to render various UI gadgets.
- Fulfilled application authentication and dynamic routing with React Router, and OAuth 2.0.
- Incorporated Material UI as well as other third-party UI library modules into the application.
- Tested the application by creating unit test cases using Jest and achieving full test coverage

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PERSONAL PROJECTS

React Movie List - *https://brian-movie-app.netlify.app/*

- Movie list app built using React.js. Data is fetched from The Movie Database api. Displays a list of recently popular movies and on hover, displays brief synopsis of the movie.

React Video Game Hub - *https://brian-react-gaming.netlify.app/*

- This app allows user to view upcoming, popular, and newly released video games. Manages global state using Redux and dynamically creates page routes using React Router v5. Redux thunk middleware is used to handle async api calls. Styling was achieved with styled-components and page animations were implemented with Framer-motion.