Michael Wen

BLOCKCHAIN | FRONT - END | FULL - STACK ENGINEER

Details

Mexico, Metropolitan Area

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NATIONALITY
Hong Kong

DATEOFBIRTH
02 / 12

Links

[LinkedIn](#)

Skills

React.js(Gatsby, Next.js), Redux (Saga and Thunk)

Vue.js(Vue2 and 3), Nuxt.js, Vuetify, Vuex

Backend Development (Laravel, Node, Express, GraphQL(Apollo, Hasura)

REST API development

UI Frameworks (Material Design, Anti Design, Element UI)

TypeScript, Bootstrap, Tailwind CSS

Scrum / Agile Environments (GitHub, Bitbucket, GitLab, SVN, Jira, Trello)

Database (PostgreSQL, MongoDB, MySQL, Oracle)

Cloud Services (AWS, Azure, Firebase, Docker)

Blockchain (NFT, Defi, Algorand, Bitcoin)

Hobbies

Snowboarding, Coding Nice Web Art, Virtual Bug Hunting, Exploring distant lands, VR

Profile

I have over 9 years of experience of relevant enterprise experience in software and database development.

I've started my path with Assemblers, C/C++, and Java, then moved to JavaScript, React, Node, Blockchain. I designed and created websites, web applications, game-site, desktop applications, and large IT systems.

Also, I am a skilled and experienced web and Blockchain developer with more than 8 years of experience in the field of big and small online business development

I'm very passionate about delivering the best technical solutions.

Employment History

Blockchain Developer, Gitcoin, United States

May 2 0 2 1 — Present
- Blockchain Developer of Smart Green Bonds (SmartGreenBonds.io): Ethereum's first sustainability-linked Defi financial instruments.
- Smart Green Bonds includes an ecological state protocol that connects IoT off-chain data to Smart Contracts on Ethereum.

React Developer, HMW Consulting, United States

September 2 0 2 0 — April 2 0 2 1
- Delivered critical app features to support COVID-19 response, including a risk assessment survey and results based on CDC guidance, as well as customer support live chat experience launched from a chatbot feature.
- Mentored other team members through code reviews and established best practices including unit tests, design patterns, also creating a culture of designing reusable building block type components.
- Refreshed the app's look and feel by updating various components to match the latest design style guide, added animations, and integrated animated logo assets as a side project.

Technologies: React, TypeScript, Redux, SCSS

React Developer, SkipTheDishes | The Fastest Way to Build An App, Winnipeg, Manitoba, Canada

March 2 0 1 9 —April 2 0 2 0
- Implemented complex UI components with React/TypeScript and SCSS.
- Improved application's performance and speed with React trending technologies such as React hooks, HOCs, Redux and more.
- Integrated Redux and Context API for the state management and Formik and Yup for validation.

Technologies: React, Gatsby, Web Design

Full Stack Developer (Vue.js/Nuxt, Laravel), Effy Jewelry, New York, United States

April 2 0 1 8 — January 2 0 1 9

- Supported the migration of an existing application to Vue.js/Nuxt.js.
- Improved data fetching by leveraging Node and Express capabilities to narrow a set of queried fields.
- Migrated a searching mechanism to utilize Elasticsearch's superior full-text search functionality.
- Defined a styled-components UI theme and migrated the existing styling system into using it.

Technologies: GraphQL, Vue.js, Nuxt.js, Laravel

Front-end Developer (Vue.js, React.js), Anemone Hug Interactive, Inc, British Columbia, Canada

February 2 0 1 7 — April 2 0 1 8

- Implemented payment UI and API integration for both depositing funds and withdrawals.
- Added real-time multiplayer team lineups and membership status via Web Sockets (Firebase).
- Developed team details and invites UIs and API integration.
- Found and fixed various rendering performance issues in the app.
- Implemented app referral codes to give bonuses when a friend completes the process signup.

Technologies: Vue.js, Vuex, Redux, React, JavaScript, Apollo, GraphQL

Full-Stack Developer (Vue.js/React.js, Laravel/Node.js)/ NEO BIZ SOLUTIONS INC / Canada

January 2 0 1 6 — January 2 0 1 7

- Developed a methodology to gradually transition legacy a jQuery application to React/Redux.
- Developed a wide variety of SVG charts that were powered by D3.js.
- Wrote a guideline on how D3.js should communicate with a React application and receive updates back.
- Revised an existing data querying mechanism to use MongoDB's data aggregation pipelines, $lookup, and $graphLookup. Ultimately this improved memory consumption and decreased execution time for the slowest query from 12-15 seconds to under 250 milliseconds.

Technologies: Vue.js, Vuex, React.js, Redux, MongoDB, D3.js, Laravel, Node.js

Education

Bachelor's degree, University of Toronto

April 2 0 0 7 — October 2 0 1 1

My education at TUS helped me grow passions for web design and programming:

- I was fortunate to take part in many team projects, I discovered that I enjoy collaborative design.
- I performed top of my class and will carry the same dedication and focus into future commitments.

Courses

Computer Software Engineering

June 2 0 1 8 — February 2 0 1 9