

CAREER OBJECTIVE

Seasoned Master of Information Technology in QUT with 3 years of extensive software development experience, notably proficient in front-end technologies such as React, Next.js, and Vue. I am actively targeting a challenging role in Full Stack web development. Leveraging a deep understanding of data structures, algorithms, and design patterns, I excel at crafting efficient and scalable front-end architectures within team-driven environments, consistently ensuring optimal user experience and code quality. While I possess a comprehensive understanding of the entire development stack, my expertise shines particularly in the front-end domain. I am poised to drive innovation, enhance scalability, and foster best coding practices in any forward-thinking web development team.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, Node.js, Python, C#
- **Frameworks/Libraries:** React, Next.js, Vue, Redux, Zustand, Vuex, Express.js, Koa.js, tRPC, Uni-app
- **Tools:** Webpack, Vite, Docker, AWS, Vercel, npm, Yarn, GitHub, GitLab, Bitbucket, Postman, SVN
- **Design:** CSS3, SASS, Bootstrap, Tailwind CSS, Material-UI, PrimeReact, Element-UI, Ant Design-UI
- **Database:** MYSQL, MongoDB, PostgreSQL
- **Others:** Salesforce, Supabase, Jest, Jenkins, Apache ECharts, D3.js, Three.js, RESTful APIs, Stripe payment

WORK EXPERIENCE

Property Credit

Gold Coast, Australia

Full Stack Developer (Intern)

2023.07-2023.11

- **Property Credit Web Application:**

- Crafted a web application dedicated to real estate financial services, utilizing Next.js alongside tRPC and Salesforce for backend functionalities.
- Collaborated within the Bitbucket pipeline, integrating Jest and Lint to facilitate automated testing, thereby bolstering the web application system's robustness.
- Introduced a more efficient, reusable address component leveraging Google Address's autocomplete feature, which supplanted the former manual address form, resulting in reduced code redundancy.
- Used Zustand for holistic state management across all components within the system.
- Implemented the Stripe payment system within the project, enabling various agents to possess distinct payment accounts. This integration facilitates diverse payment methods, including bank cards, Apple Pay, Google Pay, and more.
- Official website: <https://property.credit>

VIZEN Tech

Beijing, China

Front End Developer (Full-time)

2021.11-2022.07

- **Digital Technology Park Network Application:**

- Developed 3D models for intelligent buildings using WebGL and Three.js, leveraging the VIZEN engine.
- Migrated the project to Vue 3.0 and built with Webpack5, enhancing compilation speed and significantly boosting team efficiency.
- Addressed multiple challenges related to 3D model interaction and data visualization after architectural data analysis proposed by the project team.
- Commercial 3D engine URL: <https://show.vizen.cn/>

- **Land Monitoring Mobile App:**

- Wrapped the Axios request, enabling customized Https configurations.
- Refactored the project's code based on the WeChat platform using uni-app.
- Employed Amap to capture panoramic views of Shunde City, Guangdong Province, at various intervals, showcasing geographic details, map markers, and visual geographic data of terrains and structures.
- Implemented ECharts to process over 4,000 panoramic snapshots into dynamic charts for instantaneous data analysis and visualization, offering essential geographic data services to regional entities.

- Utilized Jenkins and AWS for platform maintenance and management, culminating in the release of the inaugural version of uni-app on WeChat.

Medex Tech

Front End Developer (Full-time)

Beijing, China
2021.01-2021.11

- **Medical Data Large Screen:**

- Developed extensive screen applications using React and Redux.
- Leveraged ECharts and Amap to dynamically present and refresh medical data through asynchronous calls.
- Employed the vw adaptation technique to accommodate vast screens, catering to the requirements of various hospitals.

- **Five Centres Medical System Platform:**

- Developed the PC side of the medical system web application using React and Redux.
- Implemented JWT for login authorization and verification.
- Utilized ES6 Promises for asynchronous retrieval of extensive medical data.
- Employed table components and ECharts to develop both editable and static tables, providing a clear visualization and analysis of medical and patient data.

- **ECG Capture Device (Tablet integrated with ECG Device):**

- Developed tablet applications using React Native for ease in medical emergencies.
- Collaborated with Backend, Android, and hardware engineers to display the ECG image and patient details once the ECG device captures the data.
- Utilized Amap's positioning API and APIs from Android developers to enable real-time tablet tracking, assisting in pinpointing the location of medical staff in ambulances and promoting efficient patient data sharing.

JR Academy

Front End Developer (Intern)

Brisbane, Australia
2019.07-2020.09

- **Personal Website:**

- Developed a personal website using React, ensuring responsive design across PCs, tablets, and mobile devices primarily through a combination of flexbox and grid layouts.
- Utilized email.js to implement a feature that sends email reminders to users upon form submission.
- Leveraged AWS S3 for storing static data and packaged code.
- Configured the DNS service using AWS Route 53.
- Optimized the distribution of both static and dynamic web content to users with Amazon CloudFront, leading to the successful deployment and launch of the project.
- Personal Website URL: <https://www.chuangqili.com>

- **JR Website Development(Commercial):**

- Contributed to the development of various sections of the JR Website, including the program courses and tutorials pages.
- Utilized full-stack technologies like React, Redux, Node.js, RESTful API, GraphQL, Sass, Styled Components, CI/CD, MongoDB, and AWS.
- Website URL: <https://jiangren.com.au/>

EDUCATION

Performance Education

Australian IT Professional Year

Brisbane, Australia
2022.12-2023.11

Queensland University of Technology

Master of Information Technology, Major in Network

Brisbane, Australia
2018.02-2019.12

REFERENCE

Available upon request