Yuelin Liu

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[GitHub](https://github.com/liuyuelintop) | [Portfolio](https://react-portfolio-tau-eight-56.vercel.app/) | [Blog](https://next-blog-alpha-sable-40.vercel.app/blog)

**Summary**

I am a results-driven and innovative full stack developer with 1.5 years of experience in web application development. My expertise spans full-stack development, front-end design, back-end architecture, and database management. Committed to continuous learning and problem-solving, I excel in dynamic, fast-paced environments, consistently delivering high-quality results and exceeding client expectations.

**Skills**

Languages: **JavaScript**, **TypeScript**, Java, Python

Frontend: **React**, Redux Toolkit, Context API, Next.js, **Tailwind CSS**, Shadcn UI, DaisyUI

Backend: Node, Express

Database Management: SQL, **MySQL**, **MongoDB,** PostgreSQL

Web Technologies: **RESTful API**

Tools: Render, Vercel, Azure, Firebase, **Git**, Vite, Postman, Trello, Confluence, Slack

**Work Experience**

**Expresso Management Pty Ltd**, Melbourne June 2023 – Present

**Full Stack Web Developer**

*Technologies: JavaScript,* ***React****, Tailwind CSS, Node,* ***Express****, MongoDB, Postman*

* Designed, developed, and deployed a responsive Single Page Application (SPA) using JavaScript, **React**, and Tailwind CSS.
* Managed global state with **Redux Toolkit** and Redux Persist.
* Developed and tested a robust RESTful API with **Node**.js, Express, and MongoDB, ensuring seamless data interaction and integrity.
* Implemented authentication with **JWT** and **Google OAuth**, utilizing **Mongoose** for data modeling and integration.
* Conducted API testing and validation with Postman, ensuring high-quality and reliable endpoints.
* Collaborated with non-technical stakeholders to gather requirements and deliver tailored solutions, aligning with business goals.

**Project Experience**

[**Twitter Clone**](https://twitter-clone-qhpp.onrender.com/)06.2024

*Technologies: React.js, React Query, MongoDB, Node.js, Express, Tailwind, DaisyUI, JWT, Joi*

* Implemented **JWT authentication**, data fetching, and caching with **React Query**, along with image uploads via Cloudinary.
* Utilized **Joi** for data validation, structured MongoDB data with **Mongoose**, and ensured robust error handling with toast notifications.

[**NextJS Static Blog**](https://next-blog-alpha-sable-40.vercel.app/) 05.2024

*Description: Developed a feature-rich, responsive markdown static blog with dynamic Open Graph images, syntax highlighting, and SEO optimizations.*  
*Technologies: TypeScript, Next.js, Tailwind CSS, Shadcn UI, MDX*

* Built a responsive markdown static blog using **Next.js** and **Velite** Blog Template.
* Implemented dynamic Open Graph images, syntax highlighting, **MDX** components, pagination, and **SEO** techniques

[**FlowChat**](https://mern-chat-app-9ybq.onrender.com/login) 05.2024

*Description: Developed a real-time chat application with secure authentication and dynamic messaging features.*

*Technologies: JavaScript,* ***React****,* ***Redux****,* ***Node.js,*** *Express, MongoDB,* ***Socket.io****, Tailwind*

* **Implemented JWT authentication,** real-time messaging with **Socket.io**, and **iOS-style notifications** for user alerts.
* Structured MongoDB data with **Mongoose** and applied robust error handling through **toast notifications**.

[**MERN Stack Blog Web Application**](https://mern-blog-6atr.onrender.com/)  04.2024

*Description: Implemented a comprehensive blog application using the MERN stack with advanced features.  
Technologies: ReactJS, Tailwind CSS, Flowbite, Node.js, Express, MongoDB, Redux Toolkit, Redux Persist, JWT, Google OAuth*

* Created a responsive UI with ReactJS, Tailwind CSS, and Flowbite, featuring an admin dashboard, dark mode, and search optimization, etc.
* Employed **Redux Toolkit** and **Redux Persist** for state management, **JWT** and **Google OAuth** for authentication, and **Mongoose** for data modeling

**Education**

Master of Information Technology, The University of Melbourne, Graduation Year: 2023