Yuelin Liu

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Portfolio: <https://react-portfolio-tau-eight-56.vercel.app/>

**Summary**

I am a results-oriented and innovative full stack developer with 1.5 years‘ experience in web application development. Proficient in JavaScript (React), Node (Express), RESTful API and MongoDB. I thrive in collaborative environments and enjoy solving complex problems to deliver high-quality solutions and exploring latest techniques.

**Skills**

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

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

Backend: Node, Express

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

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) utilizing JavaScript, **React**, and Tailwind CSS, enhancing client-side performance.
* Implemented and tested robust **RESTful API**s using **Node.js**, **Express**, and MongoDB, ensuring seamless data interaction and integrity.
* Employed **MongoDB** with **Mongoose** for structured data modeling, ensuring efficient data storage and retrieval.
* Optimized user experience and reliability through regular maintenance and updates, resulting in a 15% increase in user retention.
* Conducted API testing and validation using **Postman**, ensuring high-quality and reliable API endpoints.
* Collaborated with non-technical stakeholders to gather requirements and deliver tailored solutions, ensuring alignment with business goals.

**Anling Computer Technology**, Shanghai 09.2020-02.2021 Web Developer Intern  
Technologies: HTML5, CSS, JavaScript, PHP, MySQL, HBuilder

* Led the development of client-side scripting and user interface design, creating dynamic and responsive web pages with HTML5, CSS3, and **JavaScript**.
* Developed robust server-side applications with **PHP** and **MySQL**, focusing on secure data handling and RESTful API interactions for a seamless user experience.
* Enhanced deployment processes using HBuilder, contributing to a 20% increase in deployment efficiency and a reduction in cross-platform compatibility issues.

**Project Experience**

[**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,** NextJS 14, Tailwind CSS, Shadcn UI, MDX, **Velite** Blog Template

* Developed a responsive markdown static blog using NextJS 14 and Velite Blog Template.
* Implemented dynamic Open Graph images, syntax highlighting, MDX components, pagination, and SEO techniques.
* Deployed on Vercel and used GitHub for version control.

[**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 CSS

* **Implemented JWT authentication,** real-time messaging with **Socket.io**, and **iOS-style notifications** for user alerts.
* Employed **Mongoose** for structured MongoDB data modeling and implemented robust error handling through **toast notifications** for clear feedback..

[**MERN Stack Blog Web Application**](https://mern-blog-6atr.onrender.com/)  03.2024-04.2024  
Description: Implemented a comprehensive blog application using the MERN stack with advanced features.  
Technologies: Vite, SWC, ReactJS, Tailwind CSS, Flowbite, Node.js, Express, MongoDB, Mongoose, Redux Toolkit, Redux Persist, JWT, Google OAuth, Postman, Render

* Developed a responsive UI with Vite, ReactJS, Tailwind CSS, and Flowbite, including admin dashboard, dark mode, and search optimization.
* Implemented **JWT** and **Google OAuth** for authentication and employed Mongoose for data modeling and integrating
* Implemented **Redux Toolkit** and **Redux Persist** for state management, ensuring smooth application functionality.
* Integrated RESTful APIs using **Node.js** and **Express,** and conducted comprehensive API testing using Postman.

**Education**

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

Bachelor of Computer Science, The University of Nottingham Ningbo China, Graduation Year: 2020