Yuelin Liu

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GitHub: https://github.com/liuyuelintop
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](#)   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](#)   **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](#)   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