Yuelin Liu

Full Stack Developer

[GitHub](#) | [Portfolio](#) | [Blog](#)

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Summary

I am a results-driven and innovative full stack developer with 2 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

Frontend: React, Next.js, Tailwind CSS, JavaScript, TypeScript

Backend: RESTful API, Node.js, MongoDB, MySQL

Test: Jest, Test-Driven Development (TDD), Unit Testing, Integration Testing,

Tools: Git, Agile, Vercel, Azure, Postman, Trello, Confluence

Work Experience

Expresso Management Pty Ltd, Melbourne

Full Stack Web Developer | June 2023 – Present

Technologies: React, JavaScript, TypeScript, Tailwind CSS, NodeJS, Jest

- **Enhanced User Experience**: Implemented React.js and Tailwind CSS for responsive web apps
- **Optimized Data Handling**: Conducted custom hooks and Redux Toolkit for improved data fetching and global state management.
- **Streamlined Backend:** Designed robust RESTful APIs with Node.js, Express, and MongoDB.
- **Improved Code Quality:** Integrated TypeScript, Unit Testing, and Integrating Testing, reducing runtime errors and bugs, and enhancing code reliability and robustness.
- **Boosted Team Efficiency**: Wrote technical docs, reducing new member onboarding time.
- **Achieved Business Goals**: Collaborated with stakeholders to meet business objectives.

Web Developer Internship | Anling Computer Technology, Shanghai | 09.2019 – 02.2021

- **Enhanced Front-End Interfaces**: Developed responsive and user-friendly web pages using HTML, CSS, JavaScript, and Sketch.
- **Optimized Server-Side Logic**: Implemented PHP and Ruby on Rails MVC for data processing, form submissions, and database interactions.
- **Ensured Efficient Data Transfer**: Managed data and files via FTP and optimized server performance on Apache, ensuring secure and high-performance operations.
- **Streamlined Deployment**: Deployed applications to Heroku and utilized HBuilder for packaging and deploying web applications while collaborating effectively in an Agile team.

Project Experience

Twitter Clone

- **Tech Stack**: MERN (MongoDB, Express.js, React, Node.js), Tailwind CSS, JWT
- **Core Features**:
  - **Secure Authentication & Data Management**: User authentication with JWT; data fetching and caching with React Query
  - **Comprehensive User Interaction**: CRUD operations, like, comment and save on posts; edit profile info and images; Cloudinary for image storage
  - **Enhanced Social Connectivity:** Suggested users and notification system

MERN Stack Blog | Tech Stack: MERN, Tailwind CSS, JWT, OAuth2.0

- **Enhanced User Authentication**: Secured sign-up, login, and JWT-based authentication, ensuring robust access control.
- **Optimized Data Handling**: Implemented CRUD operations for blog posts, with state management using Context API.
- **Responsive Design:** Developed a clean, mobile-friendly UI with Tailwind CSS, enhancing user experience across devices.
- **Search and Navigation**: Implemented intuitive navigation and search bar, improving content accessibility.
- **Rich Text Editing**: Integrated a rich text editor for creating and editing posts, enhancing content creation experience.

Education

Bachelor of Computer Science, The University of Nottingham, 2016-2020

Master of Information Technology, The University of Melbourne, 2021-2023