

Jeremy Yi

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Professional Profile

An enthusiastic and organized IT professional with a bachelor's in information technology and 5 years of coding experience, specializing in Software Development. Possessing a robust foundation in programming, algorithms, and database management, I excel in JavaScript, TypeScript, React, and Node. Experienced in diverse development environments and armed with 6 months of commercial experience, I am eager to contribute strong problem-solving skills, proven teamwork, and effective communication to a challenging web development role within your organization.

Technical Skills Summary

Front-end:	JavaScript ES6, Typescript, HTML5, CSS3, Java, React, React-Redux, Redux-Toolkit, MUI, Styled component, SASS, Tailwind CSS, Azure, Regex
Back-end:	Node, Express, RESTful API, Swagger, YMAL, OAuth2, JWT Token, Azure Function
Database:	SQL, Azure SQL, MySQL, PostgreSQL, Mango DB
Testing:	Jest test, React Testing Library
Methodologies:	Agile, Scrum, Waterfall
Develops Tools & Platforms:	GitHub, Jira, Bitbucket, Compass, Docker, Figma, Postman, VS Code, IntelliJ IDEA, Microsoft 365
Operating Systems:	MacOS, Windows, Ubuntu.

Relevant Employment Experience

Full Stack Developer Cyberay, Sydney	May 2023 - Oct 2023
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Duties and Responsibilities:

- Collaborated with a team of software developers to new software features, enhancing user experience and functionality.
- Engaged in daily stand-up meetings, providing effective feedback and suggestions to streamline project development processes.
- Structured shared components in MUI5, including buttons, cards, and colour schemes, fostering reusability and maintainability across the application.
- Developed and implemented API calls to fetch data from the API and Azure Search Index, enabling the display of data.
- Participated in regular code review sessions, providing constructive feedback to peers and contributing to the overall quality of the codebase.
- Collaborated with cross-functional teams to ensure technical documentation was accurate, up-to-date, and aligned with the latest system changes.

Projects experiences

TaskComing

Jan 2023 - April 2023

JR Academy, Sydney

Objective: Air Tasker platform Clone

Duties: *Focused on full-stack development in TaskComing, I analysed Air Tasker to inform our strategy, using React and Redux-Toolkit for the front-end, and Node.js with Express for the back end. MongoDB managed data efficiently, while Docker ensured consistent environments from development to production, streamlining deployment.*

Result: *Successfully managed a user database with MongoDB, ensuring secure data operations. Created secure, user-friendly registration and login interfaces, using Simple JWT for authentication. Leveraged MUI themes to craft a responsive, visually appealing layout, significantly enhancing the user experience on diverse devices.*

MoView

Nov 2022 - Jan 2023

JR Academy, Sydney

Objective: Movie platform clone

Duties: *Led front-end development for the MoView project, drawing inspiration from Hoyts to create or enhance features. Utilized React for dynamic, responsive UIs in line with modern design trends, with Redux and Redux-Toolkit for efficient state management. Conducted extensive UI testing, ensuring a seamless user experience and collaborated closely with backend for API integration.*

Result: *Improved navigation and state management in the app using react-router and react-redux, enhancing UX and efficiency. Designed a symmetric, aesthetically pleasing movie card UI with Styled-Component and MUI, placing recommendation cards beside the aside. Skilfully integrated back-end API calls with PostgreSQL for data processing and mastered ReactJS, Styled-Component, and MUI integration.*

Education

Professional Year

Jul 2023 - Present

Performance Education, Sydney

Key Subjects: Australian Business Culture and Environment, Achieving Career Success, Australian Workplace Skills and Professional Business Communication

Graduate Bootcamp in MERN Stack

Nov 2022- April 2023

JR Academy, Sydney

Special learning areas included: Web Development, Project Management

Bachelor of Computer Science

Mar 2018 - Jan 2022

University of Sydney, Sydney

Special Interest in: JavaScript, Html, SQL, Python, Java, C and Agile

Key learning areas included: Algorithm, Programming, Web Development, Project Management

References

Available upon request