

YI-TING CHENG

FRONT END DEVELOPER

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SUMMARY

As a front-end developer with a Master's degree in Software Development from QUT, I am passionate about creating intuitive and responsive web applications. With hands-on experience in React, JavaScript, and UI/UX design, I have developed multiple projects that emphasize user-centered design and seamless interactivity. I am eager to contribute my skills to innovative projects and collaborate with teams to deliver high-quality digital experiences.

SKILLS

- Languages: HTML, CSS, SCSS, JavaScript, C#
- Frameworks & Libraries: React.js, React Native, Vue.js
- Back-End & Databases: Node.js, Express.js, MongoDB, SQL, RESTful APIs
- Version Control: Git, GitHub
- Cloud platforms: Amazon Web Services (AWS)
- UI/UX Design

PROJECTS

ViTranscoding – Full Stack Developer

Agu 2024 - Nov 2024

- Developed a web-based video transcoding platform using React, Node.js, and AWS services.
- Implemented user authentication with AWS Cognito and JWT tokens.
- Designed a scalable microservices architecture, separating video processing, user management, and API services.
- Utilized AWS EC2 with Auto Scaling, S3, CloudFront, API Gateway, DynamoDB, and SQS to optimize video processing efficiency.
- Ensured secure communication using SSL/TLS (ACM) and Route 53 for DNS management.

TaskMate – Mobile App Developer

May 2024 - Jun 2024

- Developed a task management app using React Native and Node.js, with MySQL as database.
- Implemented task CRUD, filtering, priority management, and calendar view.
- Integrated user authentication and created a RESTful API with Node.js and Express.js.
- Created API documentation and testing using Swagger.
- Designed a responsive, user-friendly interface with accessibility features.

Brisbane Bullets - Frontend Developer & UI/UX Designer

Feb 2024 - Jun 2024

- Developed a React Native mobile application using Expo Go.
- Integrated Firebase Cloud Messaging (FCM) for push notifications.
- Applied agile development, using Gantt charts & RACI charts for planning.
- Collaborated with a team to design intuitive and responsive UI/UX to enhance user experience, focusing on user-centric design principles.

EDUCATION

Master of Information Technology in Software Development

Feb 2023 - Nov 2024

Queensland University of Technology

- GPA: 6.31/7.00

ADDITIONAL INFORMATION

- **Awards/Activities:** QUT Executive Deans' Commendation for Academic Excellence in Semester 1, 2023, Semester 1, and Semester 2, 2024.
- **Professional membership:** QUT Women in Tech Club