

AMBER CHENG

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SUMMARY

Front-end developer leveraging modern web technologies to create responsive, user-centered applications. Specialized in the React ecosystem, with strong UI/UX design principles and full-stack capabilities. Master's in Software Development with proven success in enterprise projects, including Brisbane Bullets mobile application design and development.

SKILLS

- Languages: JavaScript (ES6+), C#, Python, SQL
- Frontend: HTML, CSS, SCSS, React.js, React Native, Vue.js, Chakra UI, Bootstrap
- Backend: Node.js, Express.js, MongoDB, MySQL, DynamoDB, Mongoose, RESTful APIs, Flask, Django
- Version Control & Deployment: Git, Vercel, AWS (Amazon Web Services), Firebase
- UI/UX Design: Figma, Adobe XD

PROJECTS

ViTranscoding – Full Stack Developer | [Link](#)

Aug 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 | [Link](#)

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 | [Link](#)

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

Brisbane, Australia

- GPA: 6.31/7.00

Bachelor of Information Management

Sep 2017- Jun 2021

National Yunlin University of Science and Technology

Yunlin, Taiwan

- GPA: 3.32/4.00

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