

Riki Choi

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Melbourne, Australia

EXPERIENCE

Volunteer Full-Stack Web Developer

Feb 2022 - Dec 2022

EdAble

- **Admin & Finance Management System**
 - Developed an admin & finance management system to streamline donation campaign operations.
 - Automated invoice generation, eliminating manual searches through emails and records.
 - Integrated the ChartJS library to display informative and visually appealing infographics.
 - Utilized Angular, JavaScript, TypeScript and Firebase to contribute across all areas of the stack
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EDUCATION

Bachelor of Information Technology | Software Technology Major

Mar 2021 - Dec 2024

Swinburne University of Technology

- **Relevant Courses:** Data Visualisation, Advanced Web Development, Software Development for Mobile Devices, Interface Design and Development, Cloud Computing Architecture, Object-Oriented Programming, Fundamentals of Data Management
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PROJECTS

BiteLog | AI Meal and Fitness Planner

- Implemented AI-powered features using OpenAI API and Vercel AI SDK.
- Built a user-specific health tracking app for monitoring daily health metrics and activities.
- Developed analytics features to provide personalized insights and trends based on user progress.

AdminDash | Business Management System

- Integrated Stripe Payment Gateway and API for secure transactions.
- Deployed a Node.js and Express.js backend on AWS EC2, utilizing AWS S3 for image storage.
- Designed a modern, responsive UI using ShadCn components.

ReviewMe | Experience Sharing Board

- Utilized Next.js metadata tools and server-side rendering to enhance SEO.
 - Implemented Instant Loading States to improve UI/UX responsiveness.
 - Applied Zod and React Hook Form for robust frontend and backend data validation.
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TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Frontend: React.js, Next.js, Tailwind, ShadCn

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, PostgreSQL, Firebase

Tools & DevOps: VSCode, GitHub, Vercel, AWS EC2, Postman, Chrome DevTools, npm

Libraries & Frameworks: Prisma ORM, Mongoose, React Hook Form, Zod, Vercel AI SDK, OpenAI API

Methodologies: Agile, SCRUM, GitFlow

Other: User Authentication, Data Validation, CRUD Operations

LANGUAGES

- **English:** Native Level
- **Japanese:** Conversational Level