RIKI CHOI

Software Developer | Melbourne, VIC, Australia

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Education

Bachelor of Information and Communication Technology   Feb 2023 – March 2025
Swinburne University of Technology   *Melbourne, VIC*
- *Weighted Average Mark: 71.8 (Distinction)*

Diploma of Information Technology (Advanced Programming)   Feb 2022 – Dec 2022
Swinburne University of Technology   *Melbourne, VIC*

Experience

McDonald's   Nov 2021 – Present
Crew Trainer   *Melbourne, VIC*
- Trained and coached new team members on store procedures.
- Delivered fast, friendly service in a high-pressure environment.
- Worked as part of a team to meet targets and maintain store standards.

Agri House   Nov 2024 – Jan 2025
Full Stack Developer   *Melbourne, VIC*
- Developed an AI RAG chatbot system to assist employees in retrieving cricket farm details efficiently.
- Implemented document processing pipeline to convert large PDFs into vector embeddings.
- Integrated vector embeddings into a Retrieval-Augmented Generation (RAG) workflow.
- Created an intuitive UI/UX using Mapbox and geolocation services.

EdAble - Work Integrated Learning Project   Feb 2022 – Dec 2022
Full Stack Developer   *Melbourne, VIC*
- Developed an admin & finance management system to streamline donation campaign operations.
- Collaborated with a cross-functional team of four students, a mentor, and a client to refine functionality and ensure usability.
- Automated invoice generation, eliminating manual searches through emails and records.
- Integrated the ChartJS library to display informative and visually appealing infographics.

Projects

AI Meal & Fitness Planner | BiteLog   [Project Website](#)
React, Next.js, TypeScript, TailWind CSS, Prisma, MongoDB
- 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.

Real Estate Website | OpenHouse   [Project Website](#)
React, Next.js, TypeScript, TailWind CSS, FireBase
- Developed a full-featured property listing application, implementing full CRUD operations with User Authentication for secure listing management.
- Integrated interactive Google Maps into the listing interface, enabling users to visualize property locations, and built an advanced multi-parameter search filter (city, price, amenities, date availability) for enhanced user discovery.
- Implemented role-based permissions and authentication, ensuring user-specific permissions for their own listings and dashboards, all while maintaining a responsive UI.

Key Skills

Soft Skills: Problem Solving, Detail Oriented, Collaborative, Self Sufficient, Independent, Team Player,

Technical Skills: CI/CD, Agile Development, Version Control, GitFlow, UI/UX, Full Stack Development,

Languages: JavaScript, TypeScript, HTML/CSS, SQL (TSQL), NoSQL

Technologies/Frameworks: VSCode, Postman, Github, Figma, Chrome DevTools, React.js, Next.js, Express.js, Tailwind, Bootstrap, ShadCn, Node.js, Docker, AWS, PostgreSQL, MongoDB, Firebase, MySQL