

# Mavis Ma

Phone: +61(0) 424209565 | Email: [imavisma@gmail.com](mailto:imavisma@gmail.com) | Website: [mavism.me](http://mavism.me) | [LinkedIn](#)  
Address: Docklands, Melbourne, VIC 3008

## EDUCATION

### RMIT University

03/2018 - 12/2019

Master of Information Technology

Melbourne, VIC

**Coursework:** Database Concepts, IT Infrastructure and Security, Usability Engineering, Advanced Programming, Data Mining, Software Engineering Fundamentals, Cloud Computing, Algorithms and Analysis, Software Engineering Project Management, Cloud Security

## TECHNICAL SKILLS

**Programming:** JavaScript, HTML, CSS, TypeScript, PHP, Bootstrap, React, Node.js

**Databases and Services:** MySQL, MongoDB, Google Cloud

**Software and Tools:** Git, WordPress, Elementor, Wix, SEO, Microsoft Office Suite (Word, Excel, PowerPoint, and OneNote), Microsoft 365 Admin, Adobe Creative Suite (Photoshop, Illustrator), CapCut

## PROFESSIONAL EXPERIENCE

### Software Engineer

12/2019 - 01/2024

Astra Education Group Pty Ltd.

Melbourne, VIC

- Engineered and launched responsive websites and portals using JavaScript, HTML and CSS ensuring pixel-perfect alignment with client specifications, optimising website performance for improved loading speeds, and reducing project turnaround time by 20%.
- Executed comprehensive content optimisations and implemented advanced SEO strategies across clients' websites, resulting in a 35% increase in user engagement and amplified the brand's ranking in Google search results from approximately 40th to the top 10.
- Deployed and managed server hosting support strategies, enhancing system security and reducing downtime, while coordinating with team members to identify and fix critical website issues, improving site reliability.
- Implemented Google Ads campaigns and created engaging social media content, including basic video editing and graphic design, to enhance brand presence and improve online engagement.
- Collaborated within the team to diagnose and troubleshoot various websites for the critical client.

## PROJECTS

### Nestease - Home Rentals application | [Link](#) ↗

02/2024 - 03/2024

- Developed a full-stack rental application using **React**, **Redux**, **Node.js**, and **MongoDB**, implementing **RESTful API** integration and **JWT authentication** for secure user access.
- Engineered a comprehensive property management system with **CRUD operations**, featuring photo **drag-and-drop** functionality using **react-beautiful-dnd**, and an interactive booking calendar with **react-date-range**.
- Utilised **Redux** for state management, including **redux-persist** for state persistence, and implemented advanced search functionality. Designed a responsive user interface with **Material UI**, demonstrating expertise in modern web technologies and UI/UX best practices.

### Novabank - Online Banking application | [Link](#) ↗

04/2024 - 06/2024

- Developed an online banking application using **Next.js 14** and **TypeScript**, implementing **server-side rendering**, **React Hook Form** with **Zod** for robust form validation, and **Radix UI** for accessible component primitives.
- Designed and built a responsive **finance management dashboard** utilising **Tailwind CSS** and **Chart.js**, featuring real-time transaction displays and interactive data visualisation with **react-chartjs-2**.
- Integrated third-party services including **Sentry** for performance monitoring, **Plaid** for bank account connections, and **Dwolla** for fund transfers, demonstrating proficiency in **API integration** and **fintech**.

## SKILLS AND INTERESTS

**Languages:** English, Mandarin

**Interests:** Photography, Cooking, Planting, Singing