

Aaron TAO

FullStack Developer

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LinkedIn | GitHub | Portfolio

Education

(2021-2023)

Master of Information Technology

University of Melbourne

(2019-2021)

Bachelor of Computer Science

Monash University

Certifications

- AWS Cloud Practitioner (2023)
- ITIL® Foundation (2022)
- Project Management Professional (PMP®) (2021)
- Microsoft Office Specialist Master (2019)

Key skills

- **Frontend:** React, React Native, Next.js, TypeScript, Tailwind CSS, Redux Toolkit, JavaScript, HTML
- **Backend:** AWS Cloud, Node.js, Express, MongoDB, Appwrite, REST APIs, Python

Profile Summary

- Cloud Backend Developer with strong fullstack expertise in React, Node.js, and AWS, experienced in building serverless architectures and delivering production-ready web & mobile applications.
- 2+ years of combined professional and project experience, completing 6+ full-stack projects deployed to cloud platforms and the App Store.
- Fast learner with a proactive mindset, able to quickly adapt to new challenges and contribute effectively in dynamic environments.
- Certified AWS Cloud Practitioner and Project Management Professional (PMP®), with hands-on Agile experience.
- Australian Permanent Resident with full work rights

Work Experiences

Backend Developer Intern – Cyberlark

04/2025– 09/2025

Key responsibilities

- Contributed to the development of a real estate CRM system, collaborating with a Brisbane agency to deliver tailored business solutions.
- Designed and implemented full CRUD operations for CRM Client entities, including name, email, reminders, and file upload functionalities, leveraging AWS Lambda for serverless execution.
- Designed and implemented serverless backend architecture using AWS Lambda and DynamoDB, enabling cost-efficient, scalable, and event-driven data processing.
- Developed advanced CRM features such as recursive reminders for client follow-ups and multi-file upload handling (validation, storage, and retrieval), improving user productivity and data management.
- Developed automated scripts to detect and clean up orphan files associated with missing clients, ensuring data consistency and reducing manual maintenance efforts by improving operational efficiency.
- Optimized AWS Lambda functions by refactoring code, reducing package size, and enabling connection reuse, lowering cold start latency by ~30%. Monitored and debugged serverless applications with AWS CloudWatch, ensuring reliability and faster issue resolution.
- Refactored and extended Node.js services, finalizing incomplete modules and resolving five long-standing issues, improving API

- **DevOps & Tools:** Git, Docker, Vercel, GitHub Actions
- **Design & Testing:** Figma, UI/UX Prototyping, Integration & Unit Testing, Postman, ApiPost
- **Soft Skills:** Agile Methodology, Cross-Functional Collaboration, Technical Leadership

performance by ~10% and overall system stability.

FreeLance Developer

12/2024– 03/2025

Key responsibilities

- Built and deployed MERN stack and React Native applications, delivering responsive cross-platform solutions with real-time features.
- **All Storage:** Developed a file storage and sharing platform (Next.js, TypeScript, TailwindCSS, Appwrite) with >2GB uploads, passwordless authentication, and real-time collaboration, deployed on Vercel & Appwrite Cloud, improving file sharing efficiency for users.
- **Money Recorder:** Created a React Native app with Appwrite backend for expense tracking and budgeting, featuring interactive charts for iOS and Android users, helping users gain real-time financial insights.
- **E-Commerce Rabbit:** Built a full-stack e-commerce platform (React, Express, MongoDB) with PayPal payments and Cloudinary integration, delivering a responsive storefront and admin dashboard, enhancing user experience and streamlining online transactions.
- Implemented CI/CD pipelines with GitHub Actions and deployed projects to Vercel, and the iOS App Store, ensuring continuous delivery, reducing release cycles by 50%.
- Designed and wrote API documentation to help new developers get started quickly.

IT Developer – TongKuo Company

05/2024 – 12/2024

- Build and maintain the company website using React, JavaScript, HTML, CSS, and RESTful APIs, optimising front-end rendering performance to increase page load times by 30%.
- Worked with a cross-functional team in agile iterations, using Tailwind to build responsive components and testing APIs with Postman, completing multiple user stories on schedule and optimising user experience.
- Integrated Google Analytics and applied SEO best practices, improving website traffic visibility and user engagement metrics
- Implemented CI/CD workflows with GitHub Actions to automate build, integration testing, and deployment, improving release reliability and reducing manual deployment effort.

References

Available upon request