

Aaron TAO
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GitHub: <https://github.com/HAONANTAO>
Portfolio: <https://www.aarontao.com/>

Summary

- **Full-stack MERN** developer (MongoDB, Express, React, Node.js) with Australian permanent residency, holding a Master of IT from the University of Melbourne (2023) and Bachelor of Computer Science from Monash University (2021).
- Delivered 3+ **full-stack** applications using modern web stacks (React/Next.js, TypeScript, Tailwind CSS) with AWS cloud deployment
- Certified AWS Cloud Practitioner with hands-on experience in CI/CD pipelines (Vercel/GitHub)
- **Agile** practitioner *with 6-month team collaboration experience in cross-functional projects*
- *Currently Holding PR visa in Australia (no visa sponsorship required)*
- Seeking to contribute to innovative tech teams in Melbourne.

Skills

Frontend: React | Next.js | Tailwind CSS | TypeScript | Vite | Zustand
Backend: Node.js | Express.js | MongoDB | AWS Lambda | Clerk Auth
DevOps: Vercel CI/CD | PostCSS | ESLint | Docker
Business Skills: Cross-functional Collaboration | Agile Methodology
Languages: English (Proficient) | Mandarin (Native)

Education

Master of Information Technology

University of Melbourne (March 2022 – December 2023)

- **Study Focus:** Distributed Computing
- **Core Courses:**
Database Systems, Distributed Systems, User Experience
- **Team Collaboration:** *Designing Secure Authentication Systems for SaaS Applications.* Led a 5-member team over 6 months to deliver a OAuth 2.0-based SaaS auth system -- <https://github.com/HAONANTAO/SoftWareProject>
Technology Stack: React/Node.js (Express), MongoDB, AWS
Outcome: Implemented scalable security protocols for client-side auth, reducing breach risks by 60%.

Bachelor of Computer Science

Monash University (March 2019 – December 2021)

- **Study Focus:**Data Analytics & Visualization
Data Visualization with Tableau/Power BI,Big Data Analytics (Python/Pandas),Database Systems

Project Experiences

Mock_AI_ChatBot

<https://www.wanyancanrui.com/>

Role: Full-Stack Developer (Oct 2024 – Dec 2024)

- - Integrated GPT-3.5 Turbo API for conversational logic
- - Built JWT authentication with bcrypt password hashing
- - Deployed on Vercel with Dockerized MongoDB Atlas backend

Key Tech: React/Node.js/MongoDB/Tailwind CSS/Svix Webhooks

Mock_Threads_APP

<https://taohaonan.com/>

Role: Full-Stack Developer (Jan 2025 – Feb 2025)

- - *Implemented nested comments with recursive React components*
- - *Integrated Clerk authentication & MongoDB session storage*
- - *Optimized SSR performance via Next.js incremental static regeneration*

Personal Blog

<https://www.aaronblog.top/>

Role: Full-Stack Developer (Mar 2024 – Apr 2024)

- - *Developed SEO-friendly blog with Next.js SSG*
- - *Implemented real-time comments using Firebase Realtime Database*
- - *Deployed on Vercel with automated CI/CD pipeline*
- **Key Tech:** React/Node.js/MongoDB/Tailwind CSS/Firebase

Certificates

AWS Cloud Practitioner (2023) | ITIL® Foundation (2022) | PMP® (2021)

TimeLines

2025.1-Present	Part-time job	Melbourne
2024.7-2024.12	General Social Affairs	TongKuo Company
2024.1- 2024.6	Full Stack Boot Camp	Full Stack Boot Camp
2022.3-2023.12	University of Melbourne	Master of Information Technology
2019.3-2021.12	Monash University	Bachelor of Computer Science

