

Tom Dang

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EDUCATION

Swinburne University of Technology

Bachelor of Computer Science in Software Development

GPA: 3.417

Relevant coursework: Concurrent Programming, Data Structures and Algorithm, Advanced Web Development

Melbourne

December 2024

EXPERIENCE

Web Developer Contractor

Ivy Studio

- Developed and launched a responsive company website using React.js, JavaScript, and Tailwind CSS, accurately translating detailed Figma mockups into a production-ready application.
- Managed the end-to-end deployment process, ensuring a seamless, on-time launch and optimal performance of the live site.
- Collaborated with the studio owner to define project requirements, provide progress updates, and ensure the final product aligned perfectly with the business vision and brand identity.

Melbourne

May 2025 - Present

Software Engineer Intern

Mark My Words

- Developed a full-stack web application using Next.js, TypeScript that integrates Gemini API to streamline the creation and grading of reading assessments for teachers.
- Managed backend infrastructure, utilising Supabase for database operations and user management, configuring AWS S3 for secure and scalable file storage.
- Developed and optimized API routes using FastAPI, implemented logic to parse and format raw AI-generated responses into structured Json.
- Collaborated with cross-functional teams to build a user-focused UI using TailwindCSS.

Melbourne

January 2024 - February 2025

PROJECTS

Full-stack E-commerce Website

- Developed an e-commerce platform with MERN stack using TypeScript, creating a scalable solution for online sales.
- Implemented an admin dashboard for inventory management, allowing admin to perform database operations.
- Integrated dual payment gateways with Stripe, Razorpay to process transaction securely

June 2025 - July 2025

Streaming Website with Stream Servers

- Developed a streaming platform with React.js, TailwindCSS, TypeScript.
- Integrated API from TMDb and MoviesAPI for working viewing server and comprehensive movies library.
- Built core streaming functionalities, including high-quality video playback and trailer previews

April 2025 - June 2025

Decentralised Marketplace

- Developed a decentralized marketplace with a React and MaterialUI front end and a Python (FastAPI) back end
- Integrated the Ethereum blockchain and Ganache for secure, smart contract-based transactions.
- Implemented features such as dynamic asset display, advanced search filters, and a responsive UI/UX.

October 2024 - December 2024

Check out more of my projects at: tomdang.dev

SKILLS

Languages and Frameworks: JavaScript, TypeScript, Python, React.js, Next.js, Express.js, HTML, CSS, TailwindCSS

Tools and Technologies: MongoDB, AWS Suite, Supabase, Git and Github, Figma, Third-party APIs

CERTIFICATIONS:

AWS Certified Cloud Practitioner

June 2024 - June 2027