

# VIET DOAN

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## SKILLS

Coding Languages	Python, Java, C, JavaScript, TypeScript
Frontend Development	HTML, CSS, React JS, TailwindCSS, Material UI (MUI)
Backend Development	Node.js, Express.js
Database Management	MongoDB, MySQL, Firestore
Cloud Services	Firebase, Heroku
Tools	Git, GitHub Actions, Jira, Confluence, Figma, Adobe Illustrator

## EDUCATION

The University of Melbourne	Melbourne, Australia
Bachelor of Science (Computing and Software System)	Graduated - December 2024

- **Awards: 3rd Prize and Public Vote Top 3 Prize**, Tiktok TechJam 2024
- **Relevant Coursework:** Algorithms and Data Structure, Database Systems, Object-Oriented Software Development, Informational Security and Privacy

## EXPERIENCE

Software Developer / Mentor	June 2024 - Present
Quicksite Guru	Remote

- Mentored a team of 20+ Web Developer Interns, focusing on **HTML**, **CSS**, and **JavaScript**, by providing design feedback, coding support, and guidance on technology usage, achieving a 90% retention rate and fostering professional growth.
- Led teams of 10+ interns in developing the frontend of a product web app, utilizing **React JS**, **TypeScript**, and **MUI**. Conducted weekly code reviews, assigned tasks, and ensured code quality with **ESLint** feedback to meet coding standards and best practices.
- Collaborated with the UI-UX team to translate **Figma** designs into **React** and **MUI** components, integrating with **Firestore** to enhance functionality and user experience. Held weekly design feedback sessions to maintain 90% project deadline adherence.
- Streamlined deployment using **Firebase Hosting** and implemented **DevOps** practices, exploring **Cloud Functions** and emulators for testing. Initiated plans for **Gemini** integration to provide AI-driven code generation based on user input.

Web Designer / HTML Dev Intern	April 2024 - June
Quicksite Guru	Melbourne VIC, Australia

- Identified and reported bugs, and submitted feature requests to enhance product functionality and user experience, showcasing a commitment to product improvement.
- Actively participated in 3 weekly mentorship meetings, incorporating feedback to refine skills in **HTML**, **CSS**, and **JavaScript**, and proactively offering constructive feedback to peers.
- Developed a versatile, multi-page website template with **responsive design principles** for seamless cross-device compatibility, ensuring easy customization for diverse client needs and optimal user experience.

## PROJECTS

Psychology Assignment Software	Melbourne, Australia
The University of Melbourne	August - October 2024

- Collaborated in a cross-functional team to design and develop a robust **MERN stack** platform, following the **Software Development Life Cycle (SDLC)** to ensure scalable, high-quality outcomes. Utilized **Confluence** for detailed project documentation and **Jira** for task management, sprint planning, and progress tracking, establishing a structured and productive workflow. Built a responsive, user-centric interface with **React Vite**, **Material UI**, and **Firebase Authentication**, providing tailored access for students and educators to enhance interactive learning and streamline assignment oversight.
- Enhanced the platform's AI-driven functionality using **Gemini**, **Claude**, and **GPT** models, and leveraging **Retrieval-Augmented Generation (RAG)** to optimize response accuracy and relevance. Employed advanced prompt engineering to maintain a realistic, human-like AI persona, delivering immersive experiences for students while equipping educators with efficient tools for assignment creation, detailed transcript analysis, and in-depth thematic assessment capabilities.

## MagicBook.AI

Canva AI and Integrations Hackathon

Melbourne, Australia

July - Aug 2024

- Developed MagicBook.AI, an AI-powered app for creating personalized children's books, integrating features like story writing, illustration, animation, voice interaction, and music composition within Canva using the **Canva SDK** and **App UI Kit** for a seamless editing experience.
- Aligned with Canva's AI education strategy, enabling families to create lasting memories and providing an engaging, interactive learning tool that introduces children to AI technology in a fun and accessible way.

## LiveDesign Pro

2024 Tiktok TechJam

Melbourne, Australia

June - July 2024

- Collaborated with a team to integrate **AI-powered features** with TikTok live streams, using **React**, **TypeScript**, and **Flask**, hosted on **Firebase** and **Heroku**. Contributed to interactive, customizable elements that enhance user engagement, including features like coupon distribution, live stream reminders, and QR code generation.
- Leveraged **Gemini** to streamline content creation, enabling users to produce high-quality, engaging TikTok content effortlessly and optimize live shopping experiences through dynamic, AI-enhanced workflows.

## HONORS AND AWARDS

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### VCE Top Designs 2021 (Visual Communication Design)

2021

[Portfolio](#) — [Top Design 2021](#)

- Selected as one of 17 projects out of over 370 submissions for the prestigious VCE Top Designs 2021 exhibition at the Melbourne Museum.
- Recognized for excellence in Visual Communication Design, with my design and portfolio being showcased as an example of outstanding creativity and technical skill in the field.

## REFERENCES

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Available upon request