

Dylan Bui

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PROFESSIONAL SUMMARY

As a third year student of Monash University with a Bachelor of Information Technology in Cybersecurity, I am deeply passionate about programming and the intersection of technology and security. With a strong academic foundation and a commitment to safeguarding the digital landscape, I am eager to apply my skills and expand my expertise in a professional setting.

My passion for hands-on development is demonstrated through my personal projects. I independently developed a Chrome extension that leverages AI to automate homework evaluation, and I also led a development team in the creation of a comprehensive Learning Portal. These experiences, alongside my work history, reflect my adaptability, collaborative approach, and dedication to continuous learning. I am excited to contribute my skills and grow as an IT professional in a dynamic and challenging environment

SKILLS

API | Express | Auth0 | Cybersecurity | AWS | AWS S3 | AWS Lambda | GCP | Azure | Azure App Service | Azure Functions | Heroku | Docker | Front-end | Back-end | Java | Android Studio | C | Python | Jupyter Notebook | JavaScript | JSON | PHP | CakePHP | HTML | CSS | Tailwind | SQL | MySQL | Oracle | NoSQL | MongoDB | Firebase | React.js | Next.js | Strapi | Node.js | Angular | TypeScript | CI/CD | VSC | AI | Git | GitHub | GitHub Actions | Figma | Postman | Wireshark | Kali Linux

WORK EXPERIENCE

Learning Portal for Tutoring Business - Product Owner and Team Lead

August 2025 – Present

- Led a team of 4 to design and implement a web-based educational portal for a tutoring business.
- Defined requirements, proposed functionalities, and created a phased delivery plan.
- **Technologies & Functionality:** Built with **Next.js**, **Strapi Cloud**, **Auth0**, and **Vimeo API**. Developed role-based dashboards, an AI-assisted homework system, real-time announcements, secure document handling, webinar management, and an administrative suite.
- **Key Features:** Student dashboards, AI-assisted homework with tutor review, tutor interfaces for content, webinars, and feedback, and admin portals for user/class management.
- **Project Management:** Coordinated a three-phase rollout and conducted cost analysis for sustainable deployment.

AI Writing Marker - a personal project

February 2025 – Present

- While working as a tutor at Qs School, I developed a [Chrome extension](#) to help teachers mark student work 250% faster and more accurately.
- Reduces the tutor's marking time from 5 minutes to 2 minutes and is used for almost 1000 essays per week.
- Built the front-end using **React** and the back-end using **Node.js** and **Express**.
- Hosted the back-end as **AWS Lambda functions**, with support for **Azure App Service** and **Heroku**.
- Integrated **Auth0** for **OIDC** user authentication and sign-up.
- Utilised **OpenAI API** to evaluate student work and generate feedback.
- Enabled the extension to **annotate essays** with corrections, comments, and rubric ratings.

Apprenticeship at Evolit Pty Ltd

December 2024 – Present

- Developed an [online CV and portfolio](#) website using **Next.js**.
- Hosted the site on **AWS S3** with a **CI/CD pipeline** for automated deployment.
- Used **Jest** for unit testing and **Storybook** for component documentation.
- Integrated **GitHub Actions** for linting and testing.
- Ensured a clean, well-organised design using **Tailwind** for public accessibility.

Marker and Tutor at Qs School Caulfield

October 2024 – Present

- Marking and teaching Mathematics, Science, English, and General Ability for students from Year 1 to Year 9.

EDUCATION

Monash University

2023 - 2025

Bachelor of Information Technology, Cybersecurity

2023: Focused on **programming (Python, Java), web development, data science, cybersecurity, and IT professionalism**. Gained foundational skills in **computer systems, networking, discrete mathematics, and software engineering methodologies**.

2024: Expanded into **databases (SQL, NoSQL), full-stack and mobile development, cybersecurity (cryptography, user authentication and access control), OS concepts (C, memory management), and IT project management**. Strengthened skills in **software design, risk management, and agile workflows**.

2025: Advancing in **software architecture, security, usability, and real-world IT projects**. Gaining hands-on experience in **industry projects, secure software development, network security, usability design, and IT forensics** to prepare for professional roles.

Melbourne High School

2020 - 2022

EXTRACURRICULARS

- Member of the Vietnamese Students Association and Monash Anime Club
- Melbourne High School Debating Club and RoboCup Rescue participant
- Box Hill High School (BHHS) leadership roles: Batman House Captain (2018, 2019)
- Achieved High Distinction in the Melbourne University Mathematics Competition (2019)
- Volunteer for the Red Cross, temples, and Vietnamese community events
- Extracurriculars: Swimming, Chess, and Piano

REFEREES

Viet Bui - Director

Evolit Pty Ltd, Bonbeach VIC

Phone: Available upon request

Ella Roper - Supervisor

Qs School Caulfield, Caulfield VIC

Phone: Available upon request