

Bao Van, Nguyen

Master of Computer Science | University of Wollongong, Australia | (+61) 494 149 271 | vannb.fu@gmail.com

WORK EXPERIENCE

❖ Academic Tutor/Lab Demonstrator | University of Wollongong, Australia Mar 2025 – Now

- Deliver lab demonstrations, guide classes of 40 students in 2 subjects: Fundamental Programming with Python and Introduction to Web Technology.
- Provide hands-on support, fostering problem-solving independent learning.
- Mark assignments and provided constructive feedback, ensuring fair evaluation.

❖ Software Engineer, Backend | Pigeonlab Pte Ltd, Singapore Aug 2021 – July 2023

Event-organizing platform, enabling audience interactions for large events, meetings, and webinars.

Tech focus: NodeJS, Golang, MySQL, Redis, RabbitMQ, WebSocket, Docker, Chai, Mocha

- Designed and developed RESTful APIs and backend services, ensuring seamless integration between web user interfaces and server-side functionalities.
- Transformed of a legacy, monolithic APIs into an event-driven architecture, improved performance, scalability, and maintainability
- Conducted database schema migrations, created new data models, and optimized SQL queries for improved application efficiency.
- Participated in software design proposals, architecture decisions, deployment activities, and code reviews to launch new product features and support system stability and business continuity.

❖ Full-stack Developer (Client: Tokenize Exchange) | Fetch Technology Sep 2018 – Jun 2021

Cryptocurrency exchange platform in Singapore & Malaysia.

Tech focus: NodeJS, Angular, Express, TypeScript, WebSocket, Redis, AWS, MySQL

- Developed critical features for the cryptocurrency exchange in Singapore and Malaysia.
- Built Crypto Earn and Dual Earn systems for asset deposits with monthly interest.
- Implemented multi-level referral system for commission-based customer referrals.

❖ Intern PHP Web Developer | Viet Solution JSC Dec 2013 – Sep 2014

Management software for local government agencies

Tech focus: PHP, MySQL, Bootstrap, HTML, CSS, JavaScript, jQuery, Angular.

- Implemented backend and frontend for 3 local government software projects.
- Delivered projects ahead of schedule consistently.

EDUCATION

❖ Master of Computer Science | University of Wollongong, Australia In Progress

Majors: Cyber Security; Machine Learning and Big Data – WAM: 87.9/100

❖ The Degree of Engineer in Software Engineering | FPT University

Engineer's Degree in Software Engineering – GPA: 8.0/10

- Twice awarded Semester's Excellent Student Award (top 3% of students)
- Main contributor to capstone project; received highest score from exam board.

CERTIFICATIONS

❖ Pearson Test of English – Academic [\[Certificate\]](#)

❖ AWS Certified Solutions Architect – Associate [\[Certificate\]](#)

❖ AWS Certified Cloud Practitioner [\[Certificate\]](#)