

The Vinh Ly

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LINKS

<https://www.linkedin.com/in/the-vinh-ly/>

PROFILE

I am a highly motivated and versatile full-stack developer with five months of experience in the field. My background in software engineering has provided me with solid foundations in computer science and problem-solving, and I can quickly learn and adapt to new technologies. In my current role, I have been responsible for developing and maintaining full-stack web applications. I constantly seek to improve my skills and stay up-to-date with the latest developments in the industry. I am excited to bring my passion and skills to a new opportunity where I can continue to grow and make a meaningful contribution.

EMPLOYMENT HISTORY

Dec 2022 — Present

Full Stack Engineer Mobile/Web (Casual - Remote), Delta Cognition

Melbourne

(Delta Cognition is the new name of cPay Technology)

As a Web and Mobile Developer with experience in React, TypeScript, TailwindCSS, Flutter, and Azure Cloud services, I have the responsible for designing, developing, and maintaining web and mobile applications that connect to Azure Cloud services, incorporate 2D graph representations, and utilize Flutter Dart, Provider, BloC, and MVP design pattern. I have collaborate with cross-functional teams to ensure that the applications meet the needs of the business and end-users. GitHub, Notion, and MSTeam are used to manage version control, project roadmaps, and team communication.

In addition to the technical responsibilities, I also contribute to the company's ideas to help improve the application experience and the company's workflow.

Aug 2022 — Dec 2022

Full Stack Engineer Mobile/Web, cPayMelbourne

Key Responsibilities:

- Design, develop, and maintain web and mobile applications that connect to Azure Cloud services, incorporate 2D graph representations, and utilize Flutter Dart, Provider, BloC, and MVP design pattern.
- Collaborate with cross-functional teams to gather requirements, develop solutions, and ensure that the applications are of high quality and scalable.
- Use GitHub, Notion, and MSTeam to manage version control, project roadmaps, and team communication.
- Contribute to the company's ideas to help improve the application experience and the company's workflow.
- Participate in code reviews to ensure that code is maintainable and meets coding standards.
- Stay up-to-date with industry trends and best practices.

Key Achievements:

- Developed and deployed a web and mobile application that connected to Azure Cloud services, incorporated 3D graph representations, and utilized Flutter Dart, Provider, BloC, and MVP design pattern, resulting in increased efficiency and productivity for the business.
- Improved the performance and scalability of an existing application by optimizing code and implementing new features using React, TypeScript, TailwindCSS, Flutter Dart, Provider, BloC, and MVP design pattern.

- Troubleshoot and resolved a complex technical issue related to any aspect of the application stack, resulting in improved reliability and uptime for the application.
- Collaborated with cross-functional teams to gather requirements and develop solutions using the latest tools and technologies that exceeded end-user expectations.
- Contributed to the company's ideas to improve the application experience and the company's workflow, resulting in more efficient processes and improved user satisfaction.
- Used GitHub, Notion, and MSteam to manage version control, project roadmaps, and team communication, resulting in an efficient and well-organized development process.

Skills: React.js · Machine Learning · Communication · Artificial Intelligence (AI) · Flutter

Nov 2020 — Mar 2021

Software Internship, Full-Stack Software Developer - Melbourne

Creating an Arduino web page which allows user to connect with Arduino through the website. o HTML, CSS, and JS

o Arduino Code

o Website back-end

o Team task managed by Monday.com and Microsoft Team

Arduino hardware and camera

EDUCATION

May 2022 — May 2024

Master of Software Engineer, Torrens University Australia

Adelaide

GPA: 6.33/7.0 up to now

Apr 2021 — Apr 2022

PhD, University of Adelaide

Adelaide

Doctor of Philosophy - Computer Science (Withdrawal)

We were trying to improve the performance and the variety of the solution of Symbolic regression by using Neural Network and supported by some other ML. Comparisons between several GP and NN-based methods.

Deep Learning and AI:

* Genetic programming using MATLAB, Python, C/C++

* Machine learning pipelines and AI applications

* PyTorch, Tensorflow, SciPy

* Linear, non-linear regression, Fax Function Extraction, RVM, GPTIPS, Sequence to Sequence

* CMA, CMA-ES

Communication:

* Expert communication skills with high knowledge of team members

* Presentation skills to experts and presentation skills to non-related knowledge team members

* Solving conflict

Research skills:

* Searching and reading the related paper

* Searching solutions based on problem

(Withdrew due to funding and COVID issue)

Programming languages: MATLAB, Java, C/C++, Python

Feb 2017 – Mar 2021

Bachelor (Honours), Swinburne University of Technology,
Hawthorn, VIC

Melbourne

Bachelor of Engineering (Honours) – Software major

- Member of Swinburne Tinkerers Guild
- Majored in Software
- GPA of 3.0/4.0

2013 – 2015

National Institute of Information Technology (NIIT), Ho Chi Minh, Viet Nam

Ho Chi Minh City

Professional Diploma in Information Technology (Software)

- Majored in Software
 - Graduated in Top 1% of School (**Outstanding**)

SKILLS	Teamwork	Experienced	Git	Skillful
	Ability to Work in a Team	Experienced	JavaScript	Skillful
	Communication	Experienced	SQL	Skillful
	Fast Learner	Experienced	Matlab	Beginner
	Communication Skills	Experienced	CSS	Experienced
	Microsoft Office	Skillful	HTML & CSS	Experienced
	Java	Beginner	Python	Experienced
	Node.js	Beginner	Docker	Beginner

- Strong communication skills, with the ability to effectively convey ideas and information to team members from diverse cultural backgrounds
- Proven track record of successful teamwork on multiple projects with various roles, demonstrating adaptability and a collaborative approach
- Highly flexible and capable of quickly learning new skills and adapting to new situations, with experience in preparing backup solutions to ensure project continuity
- Excellent ability to explain complex concepts and ideas to both technical and non-technical stakeholders, using clear and concise language to facilitate understanding and alignment

REFERENCES

Hung Du from Delta Cognition

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Dr. Aaron Bere from Torrens University

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