

Hoang Nguyen

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EDUCATION

- **RMIT University Vietnam** Ho Chi Minh City, Vietnam
Bachelor of Science in Software Engineering *Feb. 2018 – Dec. 2022*
- **Pius X High School** Lincoln, NE, U.S.A
General education *Sep. 2015 – Jun. 2016*

TECHNICAL SKILLS

- **Languages:** Python, HTML/CSS, JavaScript, TypeScript, Java, Swift, Lua, Bash, C#, C++, SQL
- **Technologies:** ReactJS, NextJS, NodeJS, Spring, GraphQL, AWS, Docker, Git, Jenkins, iOS, Android
- **Experienced:** Jest, Cucumber, WordPress, Winform, Game Development (Löve2D, PyGame, Unity, SwiftUI), MongoDB, PostgreSQL, Kafka, OpenCV, NumPy, Tkinter, JavaFx, SonarQube, LaTeX

EXPERIENCE

- **New Tofu Limited** Hong Kong (Remote)
Senior Software Engineer *Feb. 2024 – Oct. 2024*
 - Worked on customizing RAG chat systems for the customers based in Hong Kong.
 - Designed and developed web apps and APIs using React, NextJS 14, NodeJS, FastAPI (Python), MongoDB.
 - Integrated multiple LLM models such as GPTs, Llama3 and Gemini into the company's products.
- **National Australia Bank** Ho Chi Minh City, Vietnam
Software Engineer *Dec. 2021 – May. 2023*
 - **Team member:**
 - Designed and developed multiple enterprise-level applications for the Open Data Engineering team, focusing on the front-end and the BFF levels with cloud-first approach; substantially using React, Node and GraphQL.
 - Continuous Integration Pipeline with Jenkins, pull requests, code reviews, agile development, unit testing, acceptance testing.
 - Represented the team to prepare and demonstrate for NAB Australia on the topic of mini-app development.
 - Enriched system metrics by integrating analytic utilities into current applications.
 - **Starcamper Batch 1:** Worked with a team called Titanium in a full-time training program provided by NAB Innovation Centre Vietnam (NICV) and graduated as a batch 1 Starcamper to get familiar with the technologies being used at NAB in order to facilitate the final Capstone project which resulted in an official employment with NICV.
- **Live Italian Luxury** Ho Chi Minh City, Vietnam
Web Developer — Salesperson *2018 – 2020*
 - Designed and developed websites for the company, focusing on importing Italian products and marketing in Vietnamese market.
 - Managed products, product campaigns and online contents with Search Engine Optimized solutions using tools like HTML/CSS/JavaScript and CMS such as WordPress and Squarespace.
 - Various notable websites including <https://www.liveitalianluxury.com> and <https://www.miceriumlab.net>.
- **Private Tutor** Ho Chi Minh City, Vietnam
Computer Science, Programming, IELTS *2019 – present*
 - Work as a private tutor mainly for Programming and Computer Science subjects in spare time.
 - Courses teaching: Python, Java, JavaScript, A-level Computer Science, AP Computer Science, Arduino, Scratch.
 - Tutor a wide range of student groups, ranging from middle-school ages to university level.
 - Notable achievements:
 - Helped a student to earn a 100% scholarship from Michigan University.
 - Students are studying at Vinschool, Le Hong Phong, BIS, VAS, TAS, VFIS, RMIT Vietnam, Singapore (Nanyang, SIM), America (Michigan, George Mason), Canada (University of Waterloo).

SUPPLEMENTAL SKILLS

- **Languages** — Proficient: Vietnamese, English — Conversational: Japanese
- **Design and media** — UI/UX, Figma, Sketch, Invision, Photoshop, Premiere, Illustrator, Final Cut Pro