



# Hoang Bao Vo (Andy)

**Date of birth:** 19/09/1998 | **Place of birth:** Binh Dinh, Vietnam | **Nationality:** Vietnamese |

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**Address:** 36 Bờ Bao Tân Thắng, 7600, Hồ Chí Minh, Vietnam (Home)

## ABOUT MYSELF

With more than 4 years of experience working in startup environment with NextJS, ReactJS, Typescript, NodeJS, Python, REST-APIs, databases such as Postgres, Redis, MongoDB, MySQL, and experienced with Microservices Architecture. I am confident to handle most of the tasks related to web applications. I am an enthusiastic, self-motivated, reliable, responsible, hard-working person who can be able to adapt to all challenging situations. I can work well both in a team environment as well as using my own initiative. Please visit my GitHub repositories and portfolio website to see my work to learn more about me.

## WORK EXPERIENCE

🏢 **SOLARBK** – HO CHI MINH, VIETNAM

**SOLAR ENERGY ENGINEER** – 10/12/2019 – 31/12/2020

Research and find out new technologies that improve the efficiency of solar modules, receive feedback from clients and find the solution to fix that issue on Solar panels.

🏢 **FULLERTON HEALTH** – SINGAPORE, SINGAPORE

**WEB DEVELOPERS** – 01/07/2021 – 01/10/2021

- Developed, maintained, and enhanced website features using **ReactJS** and **NodeJS**, ensuring responsive and efficient user interactions. Debugged and resolved frontend and backend issues to maintain optimal functionality and seamless user experience. Collaborated with cross-functional team members to implement new features and continuously improve website performance.
- **Tech Stack:** ReactJS, NodeJS, JavaScript, HTML, CSS

🏢 **KIUTRA GMBH** – MUNICH, GERMANY

**SOFTWARE DEVELOPER** – 01/04/2022 – 11/2024

- Developed responsive front-end applications using **ReactJS**, focusing on delivering seamless user experiences. Designed and implemented scalable **REST** and **WebSocket APIs** using **Flask** and **Quart** for efficient backend communication. Built **event-driven microservices** and maintained **Python-based middleware** to support inter-process messaging. Supported the hardware team by integrating software solutions and setting up systems for smooth software-hardware interoperability.
- **Tech Stack:** ReactJS, NodeJS (NestJS), Flask, Quart, WebSocket, REST APIs, Python, Microservices, Event-Driven Architecture, Middleware, Software-Hardware Integration

🏢 **JOCHEN SCHWEIZER MYDAYS GROUP** – MÜNCHEN, GERMANY

**FULLSTACK SOFTWARE DEVELOPER** – 01/12/2024 – CURRENT

- Design and build scalable, cloud-native web applications with a focus on clean architecture and high maintainability. Develop intuitive, performant UIs using **React** and **TypeScript**, and implement robust backend services with **NestJS**, **PHP**, and **REST APIs**. Apply **Hexagonal Architecture** and **Domain-Driven Design (DDD)** to ensure modular, testable codebases. Drive quality through extensive **unit** and **end-to-end testing**, including in-

house tooling. Deploy microservices via **Docker** and **Kubernetes**, with CI/CD workflows. Collaborate across teams to deliver high-impact software that meets performance, reliability, and scalability goals.

- **Tech Stack:** React, TypeScript, NestJS, PHP, REST APIs, Docker, Kubernetes, PostgreSQL, Redis, Jest, E2E testing, Hexagonal Architecture, DDD

## ● EDUCATION AND TRAINING

01/06/2016 – 01/10/2020 Ho Chi Minh, Vietnam

**BACHELOR'S DEGREE** Ho Chi Minh University Technology and Education

My major is material technology, more specifically, I study about some devices like Transistors, MOSFET, LED, Sensors, TCO,... nanostructure, simulation properties of materials, semiconductors, thin film technology,... deep knowledge of semiconductors and Transistor and General Electronics

**Address** 1 Vo Van Ngan, Thu Duc, Ho Chi Minh, Viet Nam, 71300, Ho Chi Minh, Vietnam | **Website** [hcmute.edu.vn](http://hcmute.edu.vn) |

**Field of study** Physics, Chemistry, Physical sciences not elsewhere classified | **Final grade** GPA: 7.64/10 | **Thesis** Thesis: 9.6/10

01/04/2021 – 01/12/2023 Augsburg, Germany

**MASTER OF SCIENCE** University of Augsburg

Continues with the subjects of bachelor's degree, I keep digging deeper into Semiconductor Technology, and gain more knowledge of Semiconductor devices (E.g Transistor, Solar cells,...), understand the way it works and how to create it. Beside of that, I am learning the properties of other materials such as Metals, and polymer composites,...

**Address** Universitätsstraße 2, Augsburg, 86159, Augsburg, Germany | **Website** [www.uni-augsburg.de](http://www.uni-augsburg.de) |

**Field of study** Chemistry, Physics | **Thesis** The properties of CuI thin films prepared by spin coating.

## ● LANGUAGE SKILLS

Mother tongue(s): **VIETNAMESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>GERMAN</b>	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

## ● SKILLS

React, Next.js, React Native | typescript | Python | NodeJS | Angular TS, AngularJS | Microservices  
Infrastructure | PHP | DevOps

## ● HONOURS AND AWARDS

28/12/2021

**Web developer – Freecodecamp**

From this course, i was learning a lot of basic knowledges about javascript and data structure.

**Link** <https://www.freecodecamp.org/certification/fcc71b5460b-8133-41f4-94fc-5727c76f5015/javascript-algorithms-and-data-structures>

26/02/2022

**web developer – Udemy**

This course guides me from front end to back end and including data base like MongoDB.

**Link** <https://udemy-certificate.s3.amazonaws.com/pdf/UC-acdd3aa5-ddc5-4778-93b5-c2c5eee59f29.pdf>