

Binh Ong

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Introduction

With a strong foundation in software engineering and a passion for overcoming complex challenges, I am eager to join an international team that thrives on innovation. I possess a deep understanding of high-level software concepts and am motivated to contribute to meaningful projects.

Work Experience

Grape Chain

Ho Chi Minh City

CEO / Co-founder / Software Engineer

2022/07 - present

- Software Engineer :
 - * Designed scalable software systems for quantitative financial data crawling, cleaning, and operations.
 - * Developed algorithms for extracting relevant information and ensuring data integrity.
 - * Built fault-tolerant infrastructure and optimized system performance.
 - * Collaborated with data scientists and analysts to meet their modeling needs.
 - * Implemented monitoring and compliance mechanisms.
- CEO / Co-founder :
 - * Provided strategic leadership and made high-level decisions for the quantitative financial system.
 - * Represented the company to stakeholders and industry partners.
 - * Oversaw financial management and monitored market trends.
 - * Raising funds to fuel our company's growth and vision.

Tech stacks: Python, AWS(EC2, S3) MongoDB, MySQL, Numba...

Shopdi

Ho Chi Minh City (Full-time)

Technology Assistant / DevOps

2022/05 - 2023/01

- Application Deployment :
 - * Deployed new applications based on requests from development teams.
 - * Monitored infrastructure and services on AWS and CMC Cloud.
 - * Managed and operated production, staging, and development environments.
 - * Implemented an in-house website dashboard and application.

Team size: 20-25.

Tech stacks: NestJS, MongoDB, React, PHP, jQuery, MySQL, Kubernetes (and Docker), Jenkins, NGINX, GitHub, GitHub Actions, AWS (S3, CloudFront, Lightsail), and JIRA.

Bluebolt & Bluebolt Software

Ho Chi Minh City (Full-time)

Business Analytics / Full-stack Developer

2021/07 - 2022/05

- Full-stack Developer :
 - * Created a front-end to back-end MVP version.
 - * Developed a company's mini-app on Tiki Mini App.

- * Managed and monitored infrastructure on AWS.
- * Analyzed new product features and requirements.
- **Business Analyst** :
 - * Analyzing new projects and gathering customer requirements.
 - * Conducting thorough research and analysis for project improvements.
 - * Collaborating with cross-functional teams to define project scope and deliverables.
 - * Developing business process models and workflows.
 - * Monitoring project progress and identifying risks or issues.

Team size: 5-10.

Tech stacks: NestJS, MongoDB, React, PHP, jQuery, MySQL, Git, Tiki SDK, AWS (EC2, S3, Cloud-Front, Lightsail, RDS).

Education

UMT University HCMC	2022/10 – 2026/10
<i>Bachelor of Information Technology</i>	<i>Ho Chi Minh City, Vietnam</i>
FPT University HCMC	2020/10 – 2021/10 (dropout)
<i>Bachelor of Artificial Intelligence</i>	<i>Ho Chi Minh City, Vietnam</i>

Awards & Honors

Impact Entrepreneurship Bootcamp (IEB)	Top 5
<i>Lead The Change, PNJ</i>	2022
VGU Innovation Challenge	1st place
<i>VGU University, Binh Duong City Science and Technology Department</i>	2022
Zoohackathon Vietnam	Top 3 National
<i>U.S. Embassy Vietnam, FPT University, WILDAID, CHANGE</i>	2021
Tiki Hackathon Vietnam	2nd place
<i>Tiki Vietnam, Google</i>	2021

Languages & Technologies

Proficient: JavaScript (2 years), Python (1 year)
Intermediate: React, PHP, jQuery, MySQL, MongoDB
Interest: C++, Go
Skills: Agile, Software Requirement Analysis, Programming, Problem-solving, English Communication
Certification: (cert.binhhot.vn)
 On-going: AWS Cloud Solutions Architect (Expect: Dec 2023)

Projects

- **UniOne:** Platform for detecting stolen content on TikTok, Facebook, and YouTube. Alerts content creators if their content is used without permission. *(Top 5 at Impact Entrepreneurship Bootcamp 2022)*
- **Scammer.vn:** Search engine to check information and avoid scams on Facebook and Zalo. Users can submit scammer details to warn others. *(3rd prize at Science and Technology Ho Chi Minh Competition, 2019)*

- **10th Grade Enrollment System:** Admission website for a high school in Ho Chi Minh City, streamlining registration during COVID-19. Reduced paperwork and processed 1,000+ student applications in a day. *(Used by Gia Dinh High School HCMC since 2019)*
- **Smart CCTV:** Software and hardware integration for theft detection in camera systems. Sends alerts to owner's smartphones using YOLO (OpenCV) and Meanshift Algorithm. *(2nd prize at Science and Technology Ho Chi Minh Competition, 2020)*