

# Binh Ong

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## Introduction

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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

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### 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.

*Team size: 5-10.*

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

## Education

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

## Awards & Honors

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

## Languages & Technologies

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