Binh Ong

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Introduction

With a strong foundation in software engineering with 2+ years experiences and a passion for over-coming complex challenges, I am eager to join an international team that thrives on innovation, especially in the financial industry. 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*

As Software Engineer roles:
- 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.

As CEO / Co-founder roles:
- Provided strategic leadership and made high-level decisions for the quantitative financial system.
- Oversaw financial management and monitored market trends.
- Raising funds to fuel our company's growth and vision.

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

Shopdi — Ho Chi Minh City (Full-time)
Technology Assistant / DevOps — *2022/05 - 2023/01*

As DevOps roles:
- 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, 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*

As Full-stack Developer roles:
- 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.

As Business Analyst roles:
- 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, PHP, jQuery, Git, Tiki SDK, AWS (EC2, S3, CloudFront, Lightsail, RDS).

Education

UMT University HCMC	2022/10 – 2026/10
Bachelor of Information Technology	*Ho Chi Minh City, Vietnam*

Awards & Honors

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

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.binhot.vn)
- On-going: AWS Cloud Solutions Architect (Dec 2023)

Projects

- **UniOne (Founder & SWE):** 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)* – *Demo video*

- **Scammer.vn (Solo project):** 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)* – *Closed project*

- **10th Grade Enrollment System (Solo project):** 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)* – *Demo Photos*

- **Smart CCTV (Solo project):** 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)* – *Demo video*