

Binh Ong

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Work Experience

Grape Chain

Ho Chi Minh City (remote)

Software Engineer

July 2022 – present

As Software Engineer roles:

- Designing scalable software systems for quantitative financial data crawling, cleaning and operations. Reduced daily data processing time by 90%. Handled a dataset of over 2 TB.
- Automated data validation checks, reducing manual error checking by 99%.
- Designed a fault-tolerant system that achieved 99.9% uptime, supporting critical financial operations.
- Collaborating 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

May 2022 – Jan 2023

As DevOps roles:

- Deployed 10+ new applications based on requests from development teams.
- Monitored infrastructure with over 20+ services on AWS and CMC Cloud.
- Managed and operated production, staging, and development environments with over 25 micro-services running.
- Implemented an in-house website dashboard and application for easy and early tracking problems.

Team size: 20-25.

Tech stacks: NestJS, MongoDB, React, Kubernetes (and Docker), Jenkins, Nginx, GitHub, GitHub Actions, AWS (S3, CloudFront, Lightsail, Fargate), and JIRA.

Bluebolt & Bluebolt Software

Ho Chi Minh City (Full-time)

Business Analytics / Full-stack Developer

July 2021 – May 2022

As Full-stack Developer roles:

- Created a front-end to back-end MVP version in less than a month for company.
- Developed a company's mini-app on Tiki Mini App.
- Operated AWS infrastructure, ensuring 99.99%
- Conducted detailed analysis for Mini-app new product features, contributing to a 1400% increase in user retention.

As Business Analyst roles:

- Analyzed over 4 new projects annually, gathering and documenting customer requirements to tailor our outsourcing services.
- Collaborated with cross-functional teams to define project scope and deliverables in strict timeline.

Team size: 5-10.

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

Education

UMT University HCMC
Bachelor of Information Technology

2022 – Present
Ho Chi Minh City, Vietnam

Awards & Honors

Top 5 at Impact Entrepreneurship Bootcamp (IEB) <i>Lead The Change, PNJ</i>	2022
1st place at VGU Innovation Challenge 2022 <i>VGU University, Binh Duong City Science and Technology Department</i>	2022
Top 3 National at Zoonhackathon Vietnam <i>U.S. Embassy Vietnam, FPT University, WILDAID, CHANGE</i>	2021
2nd place and Most Innovative Project at Tiki Hackathon Vietnam <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, English Communication, Management, Teamwork.
Certification: (cert.binhhot.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*) – *Pitching 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*