Nguyen Viet Hung
Senior Software Developer

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Education

Computer Science, Talented Engineer Program, HCMC University of Technology, HCMC, VN.   *2001–2005*

Informatics Oriented, Tien Giang High school for The Gifted, Tien Giang, VN.   *1998–2001*

Technical Skills

★★★★☆ Java core
★★★★☆ Backend languages: Go, Python, Ruby
★★★★☆ REST APIs: Facebook, Google, Tableau
★★★☆☆ DevOps: Linux, AWS, Heroku
★★★★★ Troubleshoot and investigate

Experience

Principal Software Engineer, FabFitFun, Los Angeles, CA (remote).   *2019–present*

Senior Software Engineer, Tech Lead, Arm Treasure Data, Mountain View, CA (remote).   *2016–2019*

Senior Software Engineer, Zen Marketing, Mountain View, CA (remote).   *2015–2016*

Senior Software Engineer, Harvey Nash Vietnam, HCMC, Vietnam.   *2014–2015*

Technical Lead, Simple Solutions Taipan VN, HCMC, Vietnam.   *2013–2014*

Team Leader, Cosatech Co., Ltd, HCMC, Vietnam.   *2013*

Senior Software Engineer, i-POP Networks Pte Ltd, HCMC, Vietnam.   *2008–2012*

Senior Developer, Team Leader, Microgame Corp., Ltd (formerly ASAO Corp.), HCMC, Vietnam.   *2007–2008*

Developer, Senior Developer, Team Leader, Mobile Solution Services., Ltd, HCMC, Vietnam.   *2006–2007*

Responsibilities

Develop **Kafka-based apps** to consume moderate traffic of events.

Maintain **REST APIs** with fairly complicated ecommerce business logic.

Participate in product design.

Monitor production environment and jump in when issues arise.

Develop a Java-based cronjob tool, powered by **JobRunr**, combining with Guice, for a clean & decoupled design.

Treasure Data

Build **Data Connector** to integrate with hundreds of platforms, from Marketing services like Facebook Ads, Google Ads, to Data platforms, such as Tableau and Microsoft PowerBI.

- Develop Embulk plugins in Java and Ruby.

Participate in product design. **Coach** newbies and junior engineers.

Troubleshoot issues and collaborate with 3rd party staffs to resolve issues or find solutions to limitations.

Maintain **Data Mart** platform, involving setup PostgreSQL and Redshift by **Ruby and Terraform**, add monitors using Datadog.

Zen Marketing

Build **Data Importers** to collect and aggregate advertising data from multiple Data Sources, using various methods, from **Web scrapers**, **API consumers** to **Email importer**.

Serve big clients as **Zynga** and **Lyft**.

Troubleshoot external services and **collaborate** with their staffs to solve issues.

Harvey Nash Vietnam

Work in 2 outsource projects, one is global-wide service Unified, the other is a relative small project, to build in-house tools.

I had a great chance to explore many tech stacks, from REST API using **Go**, **Jersey/Glassfish**, to frontend frameworks such as **EmberJS/Bootstrap**, and **PrimesFaces (JSF)**.

Simple Solutions Taipan

Develop a **Volunteer Management System** (VMS) for SEAGames (aka. South East Asia Games) 2015 in Singapore. Involve most of components, from public portal, SSO, backend APIs to manage volunteer profiles, broadcast system via multi channels.

Tech stack: **CAS** (Central Authentication Service), **Spring Boot**, **Spring Security**, **Liferay**, etc. Also, manage a small team of 3-5.

Cosatech Co., Ltd

Work for the largest options exchange in U.S, CBOE (Chicago Board Options Exchange).

Build a **Web-based Surveillance (WBS)** using EJB, Struts, Oracle 11 and Jetty.

Implement **exception algorithms** (researched by Data Engineers) to catch fraud trades.

Manage a team of 5, work with onshore PMs, task planning/assignments and documentation.

i-POP Networks Pte Ltd

Develop mobile websites for Southeast Asia market, with global brands as Mobile ESPN, Bloomberg, Cartoon Network, Electronic Arts.

Maintain an automatic **sport feeds importing system**. Create backend services to **process SMS messages**.

Tech stack: **Spring Core/MVC**, **Hibernate ORM**, XML processing, Hessian web service, MySQL, HTML/CSS (particularly for mobile handsets).

ASAO Corp., Ltd

Build **Marketing websites** for online games and mobile value-added services, using ZendFramework, MySQL, HTML/CSS/JS.

Backend services to process SMS messages. Manage a small team of 2.

Mobile Solution Services

Build **Marketing websites** for mobile value-added services, such as bidding games, content download, with ZendFramework, MySQL, HTML/CSS/JS.

Create **Handy Community**, the first community of user-generated contents for mobile in Vietnam. Make use of **ffmpeg** and build a website allowing

users to upload and convert multiple media formats in realtime, including audios, videos, and pictures.
Manage a web team of 5.

References

Yao Lu, Senior Engineer Manager of Arm Treasure Data
Ian Morrison, Engineer Manager, Founder of GKxIM Vietnam
Phan Cong Thanh, Head of Atlassian Vietnam, CEO of EgoPulse

Awards and honors

Consolation Prize, Programming, National excellent student, VN.   2001
Bronze medal, Programming, Olympic Contest, Da Nang, VN.   1999

Hobbies

Hackintosh: Don't you love macOS? As a Mac enthusiast, I enjoy making it run on non-Apple desktop/laptop.

Reverse Engineer

Interested in reversing web APIs. Build streaming APIs, such as IPTV, HTTP/HLS streaming, etc. and use it for Movian plugins.

Embedded Linux

Passionate in Linux, especially embedded systems. I love exploring all kinds of embedded devices, from SBC (rPi, udoo), NAS to WiFi routers.
Maximize functionalities, adding new features to embedded devices.

Entertainment

A cinephile and an audiophile.

Languages

Vietnamese: Native
English: Fluent

Personal

Birth year: 1983
Marital: Single

Last updated: Feb 2022