

# 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

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

2016-present

**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

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. **Train** 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	<p>Work in 2 outsource projects, one is global-wide service Unified, the other is a relative small project, to build in-house tools.</p> <p>I had a great chance to explore many tech stacks, from REST API using <b>Go, Jersey/Glassfish</b>, to frontend frameworks such as <b>EmberJS/Bootstrap</b>, and <b>PrimesFaces (JSF)</b>.</p>
Simple Solutions Taipan	<p>Develop a <b>Volunteer Management System (VMS)</b> 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.</p> <p>Tech stack: <b>CAS</b> (Central Authentication Service), <b>Spring Boot</b>, <b>Spring Security</b>, <b>Liferay</b>, etc. Also, manage a small team of 3-5.</p>
Cosatech Co., Ltd	<p>Work for the largest options exchange in U.S, CBOE (Chicago Board Options Exchange).</p> <p>Build a <b>Web-based Surveillance (WBS)</b> using EJB, Struts, Oracle 11 and Jetty.</p> <p>Implement <b>exception algorithms</b> (researched by Data Engineers) to catch fraud trades.</p> <p><b>Manage a team of 5</b>, work with onshore PMs, task planning/assignments and documentation.</p>
i-POP Networks Pte Ltd	<p>Develop mobile websites for Southeast Asia market, with global brands as Mobile ESPN, Bloomberg, Cartoon Network, Electronic Arts.</p> <p>Maintain an automatic <b>sport feeds importing system</b>. Create backend services to <b>process SMS messages</b>.</p> <p>Tech stack: <b>Spring Core/MVC</b>, <b>Hibernate ORM</b>, XML processing, Hessian web service, MySQL, HTML/CSS (particularly for mobile handsets).</p>
ASAO Corp., Ltd	<p>Build <b>Marketing websites</b> for online games and mobile value-added services, using ZendFramework, MySQL, HTML/CSS/JS.</p> <p><b>Backend services</b> to process SMS messages. Manage a small team of 2.</p>
Mobile Solution Services	<p>Build <b>Marketing websites</b> for mobile value-added services, such as bidding games, content download, with ZendFramework, MySQL, HTML/CSS/JS.</p> <p>Create <b>Handy Community</b>, the first community of user-generated contents for mobile in Vietnam. Make use of <b>ffmpeg</b> and build a website allowing users to upload and convert multiple media formats in realtime, including audios, videos, and pictures.</p> <p><b>Manage a web team</b> of 5.</p>

## 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 PC/laptop.	
Reverse Engineer	Interested in reversing web APIs.	
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 date: 16 June 1983 Marital: Single  Last updated: Aug 2019	