

Le-Van-Hoang PHUONG

Backend Engineer

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📍 District 11, Ho Chi Minh City
📅 Jan 28, 1997



I am a kind of experienced full-stack Software Engineer with a demonstrated history of working in the IT industry.

Strong on Scientific Research, Mathematics, and Web development.

I possess strong engineering professional with a Bachelor of Engineering Degree in Electrical and Electronics Engineering assessed by AUN-QA (ASEAN University Network Quality Assurance), top-5 GPA 8.46/10.0 in the class of Honors Program of Electronics and Telecommunications Engineering.

With a mind set of Continuous Learning, I always learn to be more valuable and achieve the better of mine.

EDUCATION

Sept 2015 - Jun 2019 Ho Chi Minh City University of Technology - VNU-HCM (HCMUT).
Bachelor of Engineering in Electrical and Electronics Engineering (EEE) assessed by AUN-QA (ASEAN University Network Quality Assurance).
Achieved top-5 GPA : 8.46/10.0 in the class of Honors Program of Electronics and Telecommunications Engineering.

SKILLS

Methodology	Agile (Scrum, Kanban)
Programming	Java, Python, Nodejs, Typescript, Javascript, HTML, CSS, Shell, Matlab/Octave, .Net (C#), Go
Frameworks	Spring, Express.js, Reactjs
Development tools	Android Studio, Eclipse JEE, VS Code, Maven, npm, git, Jira
Productivity	Bitbucket + Pipeline, Jira, Confluence
Cloud Services	AWS S3
Containerization	Docker
Orchestration	Kubernetes
Web container	Apache Tomcat
Environment	MacOS, Ubuntu
Database	SQL (MySQL, Postgres), NoSQL (MongoDB replication, transaction)

STRENGTHS

- › Brave, self-motivated, proactive, detail-oriented and customer-focused
- › Possessing strong leadership, a clear analytical mind, an acumen, good teamwork, and continuous improvement mindset
- › Having problem-solving, critical thinking skills
- › Having strong passion for innovation and emerging technologies
- › Fair verbal and written English communication skills
- › Able to make presentations to groups, in conferences in English
- › Able to handle multiple priorities
- › Able to work independently or as a team
- › High adaptability with fast-paced environments
- › Worked in Japan, willing to allocate and work overseas
- › Familiar with Agile methodology

PROFESSIONAL EXPERIENCE

Jan. 2018	Software Engineer (Contractor), TMA SOLUTIONS, Ho Chi Minh City
Mar. 2018	Project : BlueCat Networks - a desktop app for DNS/DHCP management, allocating IPs
	Role : member of a 6-member team
	Contributions :
	› Maintain, develop new features for BlueCat DNS/DHCP Server
	Result : the contributed was recognized and delivered to the customer.
	<div>Java Swing Eclipse Maven</div>

Mar. 2018 Mar. 2019	<p>Product owner, scrum master, full-stack Software Engineer, VULETECH , Ho Chi Minh City</p> <p>Project : Unilever Vehicle Management System (UVMS) is an AI-based plate recognition and container management platform that helps reduce paperwork and automate the checking process</p> <p>Role : leader of a 3-member team (Scrum master)</p> <p>Contributions :</p> <ul style="list-style-type: none"> › Follow Agile methodology to manage team and develop the product › Support and supervise technical of development teams › Analyze requirements, design system architecture › Set up infrastructure, design and implement database, APIs › Integrate Artificial Intelligence (Vehicle and plate recognition) and Cameras › Propose web and AI server configuration › Deployment the web app, AI process and delivery › Monitor system, fix bugs, backup and migrate database <p>Result : the developed system was deployed and are being used stably at Unilever Vietnam Factory</p> <p>Agile with Trello Spring MVC Hibernate MySQL Tomcat Restful</p>
Mar. 2019 Sept. 2019	<p>Software Engineer, BLOCKHIVE VIETNAM.,JSC , Ho Chi Minh City</p> <p>Project : Subaru Auto Accessories (SAA)</p> <p>Role : one of the main contributors in a 6-member team</p> <p>Contributions :</p> <ul style="list-style-type: none"> › Design screens, write SQL Queries, implement data binding and interaction logic of a sales application of SAA. › Write Oracle-to-SQL tool to ease the attempts to convert SQL statements <p>Result : the contributed was recognized and is being developed further.</p> <p>.NET (C#) WPF MyBatis Oracle DB MSSQL</p>
Sept. 2019 Now	<p>Software Engineer, ZMP VIETNAM Co., LTD. , Ho Chi Minh City</p> <p>Product : Robo Data Platform, one of the key products of ZMP Inc. The platform provides users with post-processing services, various analysis tools and algorithms that can apply to measured data from sensors in Autonomous Industry</p> <p>Role :</p> <ul style="list-style-type: none"> › Core member, main back-end one of a 5-member team › Product owner & scrum master (some features) <p>Contributions :</p> <ul style="list-style-type: none"> › Regulate project's settings, coding style, structure, documents › Apply AGILE continuous learning principle › Plan (design DB, APIs, Front-end, workflow, deployment, migration) → Push issues to Backlog (Product/Sprint) → Estimate & assign members → Create increment (implement, support, QC) → Release › Build, regulate base, core modules shared among services, and utilization › Build infrastructure : scheduled jobs, queued jobs, integration event system, cache, db storage, file storage, auth, generic paging-sorting-filtering query and aggregation framework, .etc › Investigate and apply new technologies : Swagger, HATEOAS, MongoDB replication & transaction › Research, integrate mathematics, ML algorithms like FFT, Object Detection, Octave › Containerize and deploy (Docker, AI model), in CPU/GPU environment › Design, implement, quality-checking React components › Collaborate with in-Japan members to design, apply algorithms › Review, refactor code › Worked at ZMP Japan, in Tokyo from Dec. 2019 to Feb. 2020 <p>Result :</p> <ul style="list-style-type: none"> › Released increments of 3 owned features › Implemented back-ends of 5/9 features. › Some product's increments has been released, demonstrated to stakeholders, and continuously developed. › Based modules has been shared with other teams › A demo has been successfully performed at ZMP World 2020 <p>Agile (Scrum) RESTful HATEOAS Swagger Reactjs Nodejs Typescript Python MongoDB Replication & Transaction Kubernetes Docker AWS Redis RabbitMQ PubSub Caching Workers (Nodejs-Python) AI Integration Digital Signal Processing pm2 Shell MATLAB/Octave</p>

PARALLEL PROGRAMMING IN JAVA

JUNE 19, 2020 – AUGUST 9, 2020

 [Certificate](#)  [Course](#)

- › Offered by Rice University, verified by Coursera
- › Instructors : Prof. Vivek Sarkar, Department of Computer Science
- › Grade Achieved : 98.50/100
- › Expiry : No

[Dataflow](#) [Parallel Computing](#) [Java Concurrency](#) [Data Parallelism](#) [Parallelism](#) [Determinism](#) [Data race](#)

ACHIEVING ADVANCED INSIGHTS WITH BIGQUERY

JUNE 21, 2020 – JULY 13, 2020

 [Certificate](#)  [Course](#)

- › Offered by Google Cloud, verified by Coursera
- › Instructors : Google Cloud Training
- › Expiry : No

[BigQuery](#) [Google Cloud Platform](#) [Cloud Computing](#) [SQL](#)

SOFTWARE PROCESSES AND AGILE PRACTICES

MAY 11, 2020 – JULY 7, 2020

 [Certificate](#)  [Course](#)

- › Offered by University of Alberta, verified by Coursera
- › Instructors : Kenny Wong, Associate Professor, University of Alberta
- › Expiry : No

ADVANCED RELATIONAL DATABASE AND SQL

JULY 1, 2020 – JULY 2, 2020

 [Certificate](#)  [Course](#)

- › Offered by Coursera Project Network, verified by Coursera
- › Instructors : Harrison Kong, Subject Matter Expert/Instructor
- › Expiry : No

GOOGLE CLOUD PLATFORM FUNDAMENTALS : CORE INFRASTRUCTURE

MAY 17, 2020 – JUNE 30, 2020

 [Certificate](#)  [Course](#)

- › Offered by Google Cloud, verified by Coursera
- › Instructors : Google Cloud Training
- › Expiry : No

[Google Compute Engine](#) [Google App Engine \(GAE\)](#) [Google Cloud Platform](#) [Cloud Computing](#)

AGILE WITH ATlassian JIRA

MAY 17, 2020 – JUNE 19, 2020

 [Certificate](#)  [Course](#)

- › Offered by Atlassian, verified by Coursera
- › Instructors : Steve Byrnes, Instructional Designer
- › Expiry : No

RESTful API WITH HTTP AND JAVASCRIPT

MAY 11, 2020 – JUNE 19, 2020

 [Certificate](#)  [Course](#)

- › Offered by Coursera Project Network, verified by Coursera
- › Instructors : Harrison Kong, Subject Matter Expert/Instructor
- › Expiry : No

[Representational State Transfer \(REST\)](#) [JavaScript](#)

GETTING STARTED WITH GOOGLE KUBERNETES ENGINE

MAY 17, 2020 – JUNE 21, 2020

[Certificate](#) [Course](#)

- > Offered by Google Cloud, verified by Coursera
- > Instructors : Google Cloud Training
- > Expiry : No

BUILDING SCALABLE JAVA MICROSERVICES WITH SPRING BOOT AND SPRING CLOUD

MAY 11, 2019 – MAY 31, 2019

[Certificate](#) [Course](#)

- > Offered by Google Cloud, verified by Coursera
- > Instructors : Google Cloud Training
- > Expiry : No

[Qwiklabs](#) [Runtime configurations](#) [Cloud SQL](#) [Cloud Spanner](#) [Stackdriver](#) [Cloud Pub/Sub](#) [Cloud APIs](#) [App Engine](#) [Prometheus](#)
[Kubernetes Engine](#)

VERSION CONTROL WITH GIT

MAY 11, 2020 – MAY 17, 2020

[Certificate](#) [Course](#)

- > Offered by Atlassian, verified by Coursera
- > Instructors : Steve Byrnes, Instructional Designer
- > Expiry : No

[Version Control Bitbucket Command-Line Interface](#)

SOUTHEAST ASIA MACHINE LEARNING SCHOOL

JULY 8, 2019 – JULY 12, 2019

[Course](#)

- > Instructors : top-tier international machine learning experts
- > Expiry : No

PUBLICATIONS

BLE-BASED INDOOR POSITIONING SYSTEM FOR HOSPITALS USING MiRINGLA ALGORITHM

2019

stdjet.scienceandtechnology.com.vn

P. Le Van Hoang and V. Quang, "BLE-based Indoor Positioning System for Hospitals using MiRingLA Algorithm", Science & Technology Development Journal - Engineering and Technology, vol. 2, no. 1, pp. 46-59, Sep. 2019.

ACHIEVEMENTS

THIRD PRIZE IN BACH KHOA INNOVATION 2019

MAR. 15, 2019 - JUN 30, 2019

[Bach Khoa Innovation 2019](#) [Viral Video](#) [Gallery](#) [on Life in TMA](#) [Fanpage](#)

Bluewave team has won the 3rd prize with project "BLE-based Indoor Positioning System"

PROJECTS

GO MULTI-ROOM CHAT

2020 - 2020

[Github](#) [dockerhub](#)

Project : chat Application provides users with ability to join an existing room or another new room via QR Code.

Role : primary contributor in the Real-time Multi-room Chat Application written in Go.

Contributions

- > Design, and implement back-end's logic like generating a unique QR code for each room, managing rooms.

Result : first version Go-First-Pet supports real-time updated messages, multi-rooms, QR code containerized by Docker was published on my public Github repo. An docker image has been published to DockerHub and gained more than 40 pulls from the community.

[Golang](#) [MVC](#) [WebSocket](#) [Docker](#)

LANGUAGES

Vietnamese ● ● ● ● ●

English (TOEIC
835/990) ● ● ● ● ○

“ REFERENCES

Dr. Truong Quang Vinh

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