

CURRICULUM VITAE

PERSONAL DETAILS

- Name **PHAM XUAN THANG**
- Nationality Vietnamese
- Gender Male

PROFESSIONAL SUMMARY

- Over 5 years of experience in Software Development
- Proven track record of creating efficient, reliable applications with a strong emphasis on clean, testable code using Golang, Python, ReactJS
- Solid understanding of database management systems such as PostgreSQL, MongoDB, Redis, Elasticsearch and Dgraph
- Extensive expertise in DevOps practices, including working with Docker, Kubernetes, AWS, Digital Ocean and successfully implementing CI/CD pipelines using GitLab CI and GitHub Workflow.
- Skilled in identifying performance bottlenecks, implementing efficient algorithms, and leveraging concurrency to maximize throughput and responsiveness.
- Proficient in Object-Oriented Programming (OOP), SOLID principles, Data structures and Algorithms, and Design patterns, with a strong focus on clean and efficient code, code review, and enhancement.
- Experienced in managing teams and projects, ensuring timely delivery and high-quality outcomes.
- Strong communication skills, adept at collaborating with customers to gather and clarify requirements, ensuring alignment with project goals.

EDUCATION & CERTIFICATIONS

From: 2016 To: 2019	DaLat University Bachelor of Computer Science
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WORK EXPERIENCE

From: 01/2019 To: 01/2020	Company: TMA Solution Job Title: Golang Developer
From: 01/2020 To: 02/2021	Company: FPT Software Job Title: Golang Developer
From: 02/2021 To: 03/2022	Company: Jamalex Startup Studio Job Title: Golang Developer
From: 03/2022 To: 02/2024	Company: NexOFF LLC Job Title: Remote Full-stack developer / Team Lead
From: 02/2024 To: Present	Company: CMC Global Job Title: Full-stack Developer

TECHNOLOGY AND SOFTWARE DEVELOPMENT SKILLS

Level: 1-4 Aware (Basic, need to practice more); 5-7 Knowledgeable (Intermediate, can use it at work); 8-10 Proficient (Advanced, very good to use it at work)

Competencies	Level
Programming Language	
HTML, CSS, JavaScript	Proficient 9/10
Golang	Proficient 10/10
Python	Knowledgeable 7/10
SQL	Proficient 9/10
Technology & Framework	
Gin, Beego, Echo	Proficient 9/10
Scrapy	Knowledgeable 7/10
ReactJS	Proficient 9/10
Wordpress	Proficient 9/10
Strapi	Proficient 9/10
Digital Ocean	Knowledgeable 7/10
AWS	Knowledgeable 7/10
Github Workflow, Gitlab CI	Proficient 9/10
Monitoring: Grafana, Loki, Prometheus	Knowledgeable 7/10
Database System	
PostgreSQL	Proficient 9/10
Elasticsearch	Knowledgeable 8/10
Redis	Knowledgeable 8/10
DGraph, Memgraph	Proficient 9/10
MongoDB	Knowledgeable 7/10
Software Design	
Unified Modelling Language	Knowledgeable 8/10
Analysis and design	Knowledgeable 8/10
Project management and software development lifecycles	Knowledgeable 7/10
Agile/Scrum	Knowledgeable 7/10
Development Tool	
IDE: Visual Studio Code, IntelliJ	Proficient 9/10
Postman	Proficient 9/10
Web Server: Nginx	Proficient 9/10
GIT	Proficient 8/10
Operating System	
Windows	Proficient 9/10
Linux	Proficient 9/10

LANGUAGES

Language	Level	Note
English	Upper-Intermediate	TOEIC, Score: 845

PROJECT LIST

Gewete – CMC Global (02/2024 – 10/2024)

Project Description	Designed and implemented AI monitoring agents in Go to be installed on cash machines, these agents were responsible for monitoring various events and statuses of the machines, ensuring real-time data collection and transmission to the central server.
Team size	6 (1 Project Manager, 1 Software Architect, 2 Back-end Developers, 1 DevOps Engineer, 1 Business Analyst)
Responsibility	Senior Back-end Developer: <ul style="list-style-type: none"> • Develop module for: consensus mechanism for the agents to elect an agent server dynamically • Ensuring high availability and fault tolerance for the agents • Integrated the data collected by the agents with a master dashboard for monitoring, notification, reporting • Design a system that allows for the installation of lighting on a Linux-based cash machine.
Used technologies	<ul style="list-style-type: none"> • Language & Framework: Golang, ReactJS • Database: MySQL, Redis • Development Tools: Docker, AsynQ, AWS Cloud • Test: Postman, Gomock

Joon – NextOFF LLC (03/2022 – 02/2024)

Project Description	Developed a Muslim marriage app that offers a safe and secure platform for single Muslims to connect with each other for the purpose of marriage. The app ensures user privacy and security, providing features such as verified profiles, secure messaging, and privacy controls. It also includes advanced matching algorithms to help users find compatible partners based on their preferences and values
Team size	7 (1 Product Owner, 1 Software Architect, 2 Back-end Developers, 1 Front-end developer, 1 Tester, 1 DevOps)
Responsibility	Team Lead/ Full-stack Developer: <ul style="list-style-type: none"> • Develop module for: recommendation system, chat system, survey system, notification system, user management, subscription management, dashboard • Leading a cross-functional team of 7 members. Played a pivotal role in project planning, task allocation, and progress tracking, contributing to on-time project deliveries • Implemented RESTful APIs and integrated third-party services • Designed the system architecture and data design from the beginning of the project. • Enhanced and refactored APIs to address bottlenecks and ensure low latency throughout the project.
Used technologies	<ul style="list-style-type: none"> • Language & Framework: Golang, Python, Flutter, ReactJS • Database: PostgreSQL, Redis, Dgraph

	<ul style="list-style-type: none"> Tools: Docker, K8S, Linode Cloud, Grafana, Loki, Prometheus, Gitlab CI, Deepface AI detector Test: Postman, Gomock
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Depocket - Jamalex Starup Studio (08/2021 – 03/2022)

Project Description	Developed a comprehensive DeFi dashboard that enables users to manage and monitor their cryptocurrency and NFT assets with ease. The platform supports integration with multiple wallets and exchanges, providing a unified view of all assets.
Team size	5 (1 Project Manager, 4 Full-stack Developers)
Role	Full-stack Developer
Responsibility	<p>Full-stack Developer:</p> <ul style="list-style-type: none"> Develop module for: multi chain dashboard, dApps integration, DEFI watchlist, onchain notification Managed a team of 3, including junior developers Refining APIs through caching mechanisms, streamlining query processes, and minimizing payload sizes and API latency
Used technologies	<ul style="list-style-type: none"> Language & Framework: Golang, ReactJS, Smart Contracts Database: PostgreSQL, Redis Tools: Docker, AWS Cloud, Datadog, Ethereum, Binance Smart Chain Test: Postman, Mockgen

BipBip – Jamalex Starup Studio (02/2021 – 08/2021)

Project Description	Central Retail Vietnam offers a comprehensive online grocery shopping experience through its platforms, featuring over 20,000 best-selling items from BIGC and GO! Supermarkets. Customers can enjoy a wide range of products, from fresh produce to household essentials, all available for convenient home delivery.
Team size	12 (1 Project Manager, 1 Product Owner, 3 Business Analyst, 3 Back-end Developers, 2 Front-end Developers, 1 Tester, 1 Devops)
Responsibility	<p>Full-stack Developer:</p> <ul style="list-style-type: none"> Develop module for: user management, product management, product search system, notification system Design system in an API-oriented way Implemented a search bar for the e-commerce platform using Elasticsearch, enhancing the user experience by providing fast and accurate search results.
Used technologies	<ul style="list-style-type: none"> Language & Framework: Golang, ReactJS Database: PostgreSQL, Redis, MongoDB, Elastic Search Tools: Docker, AWS Cloud, Datadog, Kafka Test: Postman, Mockgen

DMG Mori – FPT Software (01/2020 – 02/2021)

Project Description	DMG MORI is a worldwide leader in cutting machine tools for turning and milling, as well as a comprehensive supplier in additive manufacturing. The project aimed to enhance the functionality and connectivity of the CELOS machine, a sophisticated tool used in various manufacturing processes. The team developed an application that allowed for seamless remote operation and real-time monitoring of the machine.
Team size	6 (1 Project Manager, 1 Tester, 2 Back-end Developers, 2 Front-end Developers)
Responsibility	Golang Developer: <ul style="list-style-type: none">• Develop module for: Remote Operation Module, Data Collection and Analytics Module• Working with Azure services to ensure secure and efficient communication between the CELOS machine and the cloud.• Implement error handling and logging mechanisms for the application
Used technologies	<ul style="list-style-type: none">• Language & Framework: Golang• Database: PostgreSQL, Redis• Tools: Docker, Azure Cloud• Test: Postman, Mockgen

Robusta - TMA Solution (01/2019 – 01/2020)

Project Description	An internal online learning platform designed for students to learn programming languages and submit projects offers a comprehensive educational experience. The platform provides a variety of interactive courses covering different programming languages, from beginner to advanced levels. Students can engage with video tutorials, coding exercises, and quizzes to reinforce their learning
Team size	5 (1 Project Manager, 3 Back-end Developers, 1 Front-end Developers)
Responsibility	Golang Developer: <ul style="list-style-type: none">• Develop module for: User Management, Course Management• Assisted in developing and maintaining backend services using Golang• Collaborated with the team to implement RESTful APIs and integrate them with the frontend built in VueJS.• Participated in code reviews and contributed to improving the codebase
Used technologies	<ul style="list-style-type: none">• Language & Framework: Golang, VueJS• Database: PostgreSQL, Redis• Tools: Docker• Test: Postman