LÊ VIẾT HƯNG

FULL-STACK ENGINEER

📞 0969711488

✉️ leviethung2403@gmail.com

📍 New City apartment, Thu Duc city, HCMC

in linkedin.com/in/hungle-uit/

OBJECTIVE

Quality assurance professional with a Bachelor of Networks and Communication from the University of Information Technology.

I work as a Full-stack developer on several projects as a developer with 5 years of experience in software engineering. With experience in Microservices architecture, I would help you create a system that is easy to scale, maintain, and handle high traffic. I've worked on numerous projects that use microservices, allowing me to gain a understanding of the system's benefits and drawbacks.

I can quickly adapt to new technologies and projects of all sizes. *I am a leader, a friend, a pioneer, and a person with an open mind.*

EDUCATION

Very good Bachelor's Degree
Networks & Communication
2014 – 2019

Scientific Paper in INISCOM 2019
"UiTiOt-Vlab: A Low Cost Physical IoTs Testbed Based on Over-The-Air Programming Approach"

CORE QUALIFICATION

- Solid understanding of the principles of OOP.
- Experienced in Blockchain (Solidity), Microservice (Node JS) Frontend frameworks (Material UI, Ant Design, Mantine UI)
- Practical experience in software engineering techniques: CI/CD, Unit testing, Source code control, Refactoring, Debugging, Code review.
- Practical experience with modern JS frameworks, such as, ReactJS, NodeJS, NextJS, ExpressJS.
- Capable of working independently or teamwork.

TECHNICAL SKILLS

Core languages: JavaScript, TypeScript
Framework & Technologies:

- NodeJS: ExpressJS, Strapi, Moleculer.service
- Web/Javascript: HTML/CSS, RESTfull, ReactJS, Redux, NextJS
- Database: MongoDB
- Caching: Redis
- Message broker: RabbitMQ, Kafka
- Container: Docker, Docker-compose
- AWS: EC2, ECS, RDS, S3
- CI/CD: Jenkins, Gitlab runner & ECS
- Software Architecture: Monolithic, Microservice

IDE, Build & Programming Tools: Webstorm, VS Code, Git, Pm2
Methodologies: Agile Scrum, Waterfall
OS: Windows, MacOS, Ubuntu

AWARDS

First prize for Hamsterswap
The hamsterswap project wins the first prize for Main Track app at the Solana Coding Camp
2022

Student of 5 Good Merits
Central Committee of Vietnam National Union of Students
2018

WORK EXPERIENCE

2022: **Senior Software Engineer** - Chainity / Ho Chi Minh City

- Main responsible for product, design and analytic system.
- Developing smart contracts for ERC20/ERC721/ERC1155 Token. Token was deployed on Binance Smart chain Network and listed on DEX Pancakeswap exchange.
- Other contracts: Blockchain Bridge ERC20, ERC721, ERC1155 Marketplace, auction IBCO (Initial Bonding Curve Offering) - create a pool with a supply, investor can throw money and receive tokens when event ends. vesting token, staking token, staking NFT, DAO contract.
- Utilities: Moralis SDK, Hardhat.
- Developing payment gateway based on chaiport service.
- CI/CD on AWS using Gitlab, ECS, Docker.

Key Achievements:

- I have a chance to become a scrum master and mentor for new juniors.
- Understanding how to develop decentralized applications and data interaction.

2017 - 2022: **Junior Software Engineer** - YDEV Ltd. / Ho Chi Minh city

- Member of the Single Sign On project's core team. Develop a process for authentication and authorization that allows a user to log in to related internal software systems with a single ID and password.
- Developing system follow Microservice architecture.
- Solving issues and fixing bugs assigned by the line manager.

Key Achievements:

- Experienced in caching (redis), web security (https, cors, csp, owasp), testing, CI/CD, search engine, message broker, containerization, web socket, web server (nginx).

2016 - 2017: **Fresher Software Engineer** - VNG Company / Ho Chi Minh City

- Create a landing page to promote the SmartPager project as a member of a high-functioning team.
- Development the visualization module (JavaScript, HTML, SCSS) of Camera monitoring system.

Key Achievements:

- Learning how to manage task, communicate in working environment.
- Fully equipped with the necessary skills to participate in real projects.

2015 - 2018: **President of UIT's Student Council** - UIT-VNU / Ho Chi Minh City

Key Achievements:

- Develop problem-solving, analytical, and critical thinking skills; excellent communication, teamwork, or independence; and time and team management abilities.

PROJECT CASE STUDIES

Hamsterswap	Dec, 2022
Responsibility	**Frontend developer**
Project introduction	Hamsterbox is a magical black box with a suite of dapps and utility tools. The first core dapp within the box is Hamsterswap, a trustless, cross-chain peer-to-peer (P2P) protocol for swapping digital collectibles and assets. The second core service provided by Mr. Hamser (our mascot) in his box is Hamstermoney (Pay), a Web3 digital store for virtual goods, cross-app purchases, reloads and top-ups.
Team size & duration	9 members
Technologies	NextJS, Redux, Styled Component

Mad Monkey Guild	2022
Responsibility	**Smart Contract & Backend & Frontend developer** - Main responsible for product. - Design and analytic system from structure to database - Develop smart contract for token MMG. - Fetching the metric of game of every account from guild; computing profit for guilder & player.
Project introduction	Blockchain-Based Gaming Guild. The MMG organization aims to create the biggest virtual global economy that optimizes its community-owned assets for maximum utility and sharing profits with its token holders.
Team size & duration	1 member
Technologies	Smart contract: Solidity Backend: NodeJS, Strapi, MongoDB Frontend: ReactJS, Redux

Blockchain Bridge	2022
Responsibility	**Smart Contract & Backend developer** - Develop smart contract. - Develop multi sign service.
Project introduction	Blockchain or Crypto bridges work just like the real thing, but instead of connecting physical places together, they are used to connect digital ecosystems together. These bridges can pass both information and assets between the bridged blockchains. We call this a cross-chain transfer.
Team size & duration	13 members
Technologies	Smart contract: Solidity Backend: NestJS, Microservice, MongoDB

Vivote.vn	2022
Responsibility	**Scrum master**
Project introduction	Video voting application for Central Committee of the Ho Chi Minh Communist Youth Union.
Team size & duration	3 members
Technologies	Backend: Django, PostgresQL Frontend: NextJS, SSR

Artfi	2022
Responsibility	**Scrum master & Smart contract developer** - Main responsible for the product. - Planning assignment sheet. - Develop smart contract.
Project introduction	We make Artfi NFTs and allows to trade on our marketplace. An artist can create account and sell their painting. They must deposit the painting to our gallery store, we have multiple appraisers who judge the quality of the painting before selling them. Somebody decides to buy one, they will own a NFT, besides a painting will delivery to their home.
Team size & duration	4 members
Technologies	Smart contract: Solidity Backend: Django, PostgresQL Frontend: NextJS, SSR

Defihorse	2022
Responsibility	**Scrum master** - Main responsible for the product. - Develop smart contract for IBCO event, staking, vesting, bidding. - Planning assignment sheet. - Design architecture for auto-scalable system. - Maintain game contracts.
Project introduction	Defihorse is a horse-racing metaverse based on blockchain technology, where player can buy, sell, bread, take NFT horse to the races to win prizes and hosting races to make real-life profit.
Team size & duration	4 members
Technologies	Smart contract: Solidity Backend: NodeJS, ExpressJS, MongoDB, Mongo Aggregate operator. Frontend: NextJS, SSR

Video On Demand	2021
Responsibility	**Frontend Developer** - UI for specific tenant. - Support multiple languages. - Learning how to apply agile methodology to the working environment.
Project introduction	OnDemandViet is a dedicated video platform which created based on many hightop world technologies to provide adaptive video streaming, large scalable video storage and high available system with multiple dedicated servers and a complex SMS registration, subscription services.
Team size & duration	15 members
Technologies	Frontend: NextJS

TalkFirst English Centre	2015-2019
Responsibility	**Scrum master** - Main responsible for the product. - Design CI/CD flow based on Jenkin and Gitlab runner w/ AWS ECS. - Implement all features. - Manage and assign team member to every tasks. - Planning quotation. - Develop core system, blog page, affiliate service.
Project introduction	On Saturday, the staff of that center will create the timetable for the coming week for each student level. Each class has a slot limitation. Students can schedule classes from the following Sunday to Saturday. Aside from that, the student has the option to cancel before the first hour of class. Every day, students can check in at the center, and the staff can see how many sessions each student attended or missed.
Team size & duration	8 members
Technologies	Frontend: ReactJS, Gatsby, NextJS. Backend: NodeJS, MongoDB.