LÊ VIẾT HƯNG

FULL-STACK ENGINEER

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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.

OBJECTIVE

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.*

TECHNICAL SKILLS

Core languages: JavaScript, TypeScript
Framework & Technologies:

- NodeJS: ExpressJS, Strapi, Moleculer.service
- Web/Javascript: HTML/CSS, RESTfull, GraphQL, ReactJS, Redux, NextJS
- Database: MongoDB, Postgres
- Caching: Redis
- Message broker: RabbitMQ, Kafka
- Container: Docker, Docker-compose
- Amazon Web Service
- 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

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"

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

2023: Senior Software Engineer – Saigon Technology / Ho Chi Minh City

- Main responsible for Cyber RoundTable project: estimation, implement CI/CD flow, tech lead in developing phase.
- Working with colleagues from HappyMoney company directly to clarify requirements, solve technical problems, refactor, develop web services and unit test. Technologies: GraphQL, Okta authentication, Launch Darkly.
- Be presenter discussing the topic, such as: "Unit Testing in React"…, in the annual sharing session.

Key Achievements:

- Understanding of Kubernetes, AWS services.
- AWS Certified Solutions Architect – Associate.
- Meta Front-End Developer certificate.

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

- Main responsible for product, design and analytic system.
- Smart contracts: Blockchain Bridge, ERC20, ERC721, ERC1155 Marketplace, auction, 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 and Stripe service.

Key Achievements:

- Become a scrum master and mentor for new juniors.
- Develop decentralized applications with Solidity, IPFS, data interaction with ethers.js, web3.js, bignumber.js, nestJS, graphQL.
- Develop CI/CD on AWS using Gitlab, Docker, ECR, ECS, Cluster, Task Definition, Load Balancer, Target Group.

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).
- Microservice architecture, include broker, network transporter, registry, discovery, load balancing, fault tolerance, caching, node metric with Prometheus, tracing with Datadog.

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.

<u>Key Achievements:</u>

- 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

<u>Key Achievements:</u>

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

PROJECT CASE STUDIES

HappyMoney	2023
Responsibility	**Frontend developer**
Team size & duration	10 members
Technologies	ReactJS, GraphQL, NodeJS, Launch Darkly, Okta authentication, AWS, Terraform, Datadog

HamsterPocket	Dec, 2022
Responsibility	**Frontend developer**
Team size & duration	9 members
Technologies	NextJS, Redux, Styled Component, web3.js, ethers.js

HamsterSwap	Dec, 2022
Responsibility	**Frontend developer**
Team size & duration	9 members
Technologies	NextJS, Redux, Styled Component, web3.js, ethers.js

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.
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.
Team size & duration	13 members
Technologies	Smart contract: Solidity, web3.js, ethers.js Backend: NestJS, Microservice, MongoDB

Vivote.vn	2022
Responsibility	**Scrum master**
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.
Team size & duration	4 members
Technologies	Smart contract: Solidity, web3.js, ethers.js Backend: Django, PostgresQL Frontend: NextJS, SSR

DefiHorse	2022
Responsibility	**Scrum master, smart contract, backend & frontend developer** - 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.
Team size & duration	4 members
Technologies	Smart contract: Solidity, web3.js, ethers.js Backend: NodeJS, ExpressJS, MongoDB, Mongo Aggregate operator, MinIO. 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.
Team size & duration	15 members
Technologies	Frontend: NextJS

TalkFirst English Centre	2015-2019
Responsibility	**Scrum master, backend & frontend developer** - 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.
Team size & duration	8 members
Technologies	Frontend: ReactJS, Gatsby, NextJS. Backend: NodeJS, MongoDB.