LE PHUOC THANH

Junior Devops Engineer

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LINKEDIN, PORTFOLIO, GITHUB

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PROFESIONAL SUMARY

I have experience in DevOps with a focus on blockchain, where I integrated automation, CI/CD pipelines, and cloud infrastructure to streamline blockchain application development and deployment. I've worked on automating smart contract testing, setting up containerized environments using Docker and Kubernetes, and managing blockchain nodes. My role involved ensuring the security and scalability of blockchain networks, optimizing resource usage, and reducing deployment times. By combining blockchain and DevOps practices, I aim to enhance operational efficiency while maintaining the integrity and security of decentralized systems.

WORK HISTORY

GlobalChain Co., Ltd.   10/2023 - Present

Blockchain DevOps Engineer

At GlobalChain (company website: globalchain.vn), we specialize in blockchain software solutions, with our flagship product, Schat, designed to enhance data security and optimize workflows for law enforcement through private blockchain technology. My responsibilities include developing and deploying real-world blockchain systems on Ethereum and Hyperledger, creating smart contracts, researching advanced blockchain techniques, and implementing end-to-end (E2E) message encryption and push notifications. As part of the DevOps team, I manage systems using Linux/Unix, automate CI/CD pipelines via Jenkins and Azure DevOps, containerize applications with Docker and Kubernetes, and handle infrastructure provisioning with Ansible and Terraform, while monitoring performance with Prometheus and Grafana.
 Skills:

- **Operating System Knowledge**: Proficient in Linux/Unix (CentOS/Debian 12) and Windows for system management and scripting.
- **Version Control:** Skilled in using Git, GitHub, and Azure DevOps for source code management.
- **CI/CD Pipelines**: Experienced in automating deployments using Jenkins, GitLab CI/CD, or Azure DevOps.
- **Containerization**: Expertise in Docker and Kubernetes, including Helm/Charts for application management and orchestration.
- **Infrastructure as Code (IaC)**: Proficient in tools like Ansible for automated infrastructure provisioning.
- **Monitoring and Logging:** Knowledgeable in Prometheus and Grafana for performance monitoring.
- **End-to-End Encryption:** Familiar with implementing E2E encryption for secure messaging.
- **Push Notifications:** Experience with integrating push notification systems for real-time user engagement.

Success Software Service   5/2022 - 7/2022

fresher Java Developer

In this role, I had the opportunity to learn and develop crucial software development skills. I actively participated in building a backend application, utilizing knowledge of microservices, PostgreSQL, and RabbitMQ. Specific tasks included:

Developing and deploying microservices for the application, optimizing performance and ensuring efficient project management.

Employing PostgreSQL for data storage and management, ensuring data integrity and security.

Utilizing RabbitMQ to establish communication between application components, enhancing flexibility and scalability.

This was a pivotal phase in my career development, and I learned how to construct a complex and efficient software system

SKILLS

Programming Languages	C++, Java, JavaScript, Solidity, Express.js, React.js
Languages:	English (Reading Proficiency), Japanese (N4)
Ethereum Tools	Solidity, Geth, Truffle, Ganache CLI, EthPM , Ethereum Virtual Machine and Remix.

PROJECTS

Capstone Project: Funix Pricing Chain

(3/2023 - 9/2023)

Overview	The Funix Pricing Chain project aims to address the real-world need for determining the value of used items, whether for asset valuation or resale purposes. The project leverages blockchain technology to create an application that aids in pricing used items, eliminating the complexities and uncertainties associated with manual appraisals or consultations
Technologies	Utilized Solidity, React.js, Node.js, Express, MongoDB, HTML, CSS, and JavaScript.
Responsibilities	Engineered robust Solidity smart contracts and user-friendly interface using React.js and Next.js. Implemented an efficient backend with Node.js and Express, integrated with MongoDB for scalable database management. Conducted extensive testing to enhance system reliability and performance.
Achievements	Successfully developed and launched the Funix Pricing Chain application, offering a reliable and user-friendly solution for used item pricing. Delivered comprehensive project documentation, providing insights into the project's developmental journey and methodologies.
Your responsibility in project	https://github.com/Lephuocthanh2000/blockchain-capstone-project
Documentation	Requirement Analysis Document Design Document Testing Document

Full-Stack NFT Marketplace on Ethereum Blockchain

(11/2022 - 3/2023)

Overview	Developed a comprehensive NFT Marketplace leveraging Ethereum Blockchain, focusing on seamless user transactions and interactions. The project was segmented into developing Solidity smart contracts, constructing the frontend, and deploying the backend.
Technologies	Utilized Solidity, React.js, Next.js, Node.js, Express, MongoDB, HTML, CSS, and JavaScript.
Responsibilities	Engineered robust Solidity smart contracts and user-friendly interface using React.js and Next.js. Implemented an efficient backend with Node.js and Express, integrated with MongoDB for scalable database management. Conducted extensive testing to enhance system reliability and performance.
Achievements	Successfully launched with positive user feedback on functionality and UI. Achieved seamless integration of frontend, backend, and blockchain components, enhancing user trust and reliability.
Your responsibility in project	https://github.com/Lephuocthanh2000/nftMaketplace
Documentation	none

EDUCATION

Funix Education   9/2022 - 9/2023

Blockchain Developer Certificate

Information Technology University, Vietnam National University of Ho Chi Minh   9/2018 - 9/2022

Bachelor of Information Technology
GPA: 7.46