Han Do-Nguyen-Nhat

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SKILLS & KNOWLEDGES

Programming Languages: Java, Python, Javascript, Typescript, SQL, MQL, HTML, CSS

Databases: MySQL, PostgresSQL, CockroachDB, MongoDB, Redis

Frameworks: Spring Boot, Spring Cloud, Kafka, Keycloak, ReactJs, Android Studio

Security & Testing: Basic Auth, Oauth2, OIDC, JWT, Junit5, Test Containers, Mockito

AWS Cloud: EC2, ECS, VPC, S3, CloudMap, Lambda, CDK

Others: Agile, Scrum, Test Driven Development, System design, Microservices, B1 Preliminary English

PROFESSIONAL EXPERIENCES

Mondia Digital (remote) **Dubai, UAE**

Software Engineer - Backend *Oct 2023 - Present*

- Migrating and maintained client's Subscription Aggregator System by utilizing technologies such as Java 17, Spring Boot, MongoDB, Kafka, and microservices.
- Designing new stock management architecture for inventory operations, enabling the ability to integrate with multiple partners.
- Guarantee comprehensive test coverage from unit to integration testing using JUnit5, Mockito, and JaCoCo, increasing test coverage from 0% to 80% for most services.

Nash Squared (on-site) **Ho Chi Minh, Vietnam**

Software Engineer - Backend *Sep 2021 - Aug 2023*

- Developing a comprehensive E-commerce Aggregator Management Platform from the ground up by using Java 11, Spring Boot, CockroachDB, ActiveMQ, and microservices architecture.
- Enhancing catalog data importation across various platforms by utilizing batch processing, resulting in a 60% increase in process speed and efficiency.
- Engaged in the research and development of integrated solutions by leveraging the APIs of leading platforms such as TikTok, Shopify, and Amazon to enhance business functionality and user experience.
- Providing mentorship and training to fresher developers from the client's UK team.

GB Smart Innovation JSC (freelancer) **Ho Chi Minh, Vietnam**

Software Developer - Mobile *Aug 2020 - Dec 2021*

- Collaborating university-affiliated factory partners to create an Android-based employee management application during the challenging period of the Covid-19 pandemic
- Applying image processing techniques to enhance and refine the visual quality of photographs, which encompasses tasks such as image cropping and resolution improvement.

PERSONAL PROJECTS

Microservices 101 **Github**

Java, Spring Boot, Spring Cloud, Kafka, Keycloak *Jan 2024 - Present*

- This project is developed as a research and practical exploration of microservices, cloud-native technologies and tools,... and only serves as a platform for experimenting.

DSA 101   **Github**

Data structures and Algorithms (Python)   *Nov 2023 - Present*

- This repository serves as a dedicated space for learning, experimenting and understanding the fundamental concepts of data structures and algorithms using Python.

University's Graduation Thesis   **Google Drive**

Leveraging NFTs for Fundraising Charity   *Jan 2022 - Mar 2024*

- Conducted an in-depth analysis and propose a NFT marketplace web application aimed at facilitating fundraising for charitable organizations.
- This platform enables charities to leverage digital artworks created by volunteers to generate funds through the sale of non-fungible tokens (NFTs).

EDUCATION

University of Economics and Law (VNU-UEL)   **Ho Chi Minh, Vietnam**

Bachelor of Information Systems - Ecommerce   *Graduation Date: Jul 2022*

ACTIVITIES & ACHIEVEMENTS

Top 18 University Startup Competition   *Aug 2022*

Introducing an innovative online travel application coporating with local residences for local experiences.

HCMC International Marathon Techcombank   Dec 2022

Supported VIPs and professional encompassing airport VIP pick-up, hotel check-in, event registration, schedule reminder.

CERTIFICATIONS

Linkedin: Interpersonal Communication, Critical Thinking & Problem Solving, Object-Oriented Design.

SAP Certifications: Business Information System with SAP S/4HANA.

Funix & Kardia Chain: Blockchain fundamental for beginner.