

Nguyễn Đình Anh

(+84) 914085246 | dan3002.tech | Hanoi, Vietnam
dan3002.work@gmail.com | Github: DAN3002 | LinkedIn: dan3002

WORKING EXPERIENCE

VPBank

DevOps Engineer

Hanoi, Vietnam
Aug 2024 - Present

- Youngest Senior Specialist at @VPBank. (21 years old)
- Aligning ESB architecture with microservices and cloud environments, focusing on stability, performance, and scalability.
- Utilizing GitOps framework to automate monitoring, enabling proactive management and real-time issue resolution.
- Re-architecting existing APIs and services to integrate with modern microservices and message-oriented middleware (IBM MQ).
- Designing and implementing CI/CD pipelines to streamline deployment and testing, ensuring smooth integration and delivery of new features.

OpenCommerce Group

Full-Stack Developer

Hanoi, Vietnam
Mar 2024 - July 2024

- Participate in the development of the Dropshipping e-commerce system.
- Enhance and develop payment and related systems using Golang and VueJS. Integrate with payment services such as Stripe, PayPal, and others.

FUNiX xSeries

Program Development Officer

Hanoi, Vietnam
Aug 2021 - Feb 2024

- Contributed to the development of internal applications, including the Mentoring System and Learning Management System (LMS). Managed cloud-based resources for the entire team, ensuring efficient and secure access to the necessary tools and resources.
- Assumed responsibility for designing and developing xSeries specialized courses, including Full Stack with MERN Stack, Data Engineering, Cloud Computing, and DevOps, ...

FPT Software

Backend Developer

Hanoi, Vietnam
Aug 2020 - Aug 2021

- Balanced my role as a part-time employee while still attending high school, gaining valuable work experience while completing my education.
- Contributed to the development of internal applications, including the Mentoring System and Learning Management System (LMS).

FUNiX's IT department

Backend Developer

Hanoi, Vietnam
Aug 2019 - Aug 2020

- Started working immediately after my first year of university, at the age of 17, gaining valuable experience and skills while pursuing my education.
- Developed a learning tool and management software using Javascript, NodeJS, and Firebase, providing an interactive and user-friendly platform for students and instructors.

EDUCATION

FPT University

Hanoi, Vietnam
Jan 2022 - Aug 2023

- Major: Software Engineering
- Graduated at the **age of 20**, two years ahead of schedule.
- Awarded a full scholarship covering the entirety of the study period.

FUNiX University

Hanoi, Vietnam
Aug 2018 - Dec 2022

- Major: Software Engineering.
- Started studying at the age of 16.
- Received a scholarship each semester and actively participated in various university activities.

PROJECTS

Architecture Design Generator

Fullstack Developer

Vietnam
Jun 2024

- Champion of VPBank Hackathon 2024.
- An application designed to provide various functionalities to help users create and manage architecture design diagrams more effectively. With the power of ChatGPT 4, our application can provide users the ability to create architecture design from scratch with a more interactive and user-friendly experience.

- Technologies: ReactJS, Langchain, Go Lang, AWS

Shopee Product Crawler

Data Engineer

Vietnam
Apr 2023 - Aug 2023

- A specialized tool for crawling products on Shopee by shop, keyword, and other criteria, with a continuous update mechanism to keep data current.
- Collects comprehensive information, including product details, images, and comments, enabling dataset creation for search functionality, data analysis (DA), and AI model training.
- Achieved a dataset of 1 million fashion products, and 8 million images from over 8,000 shops on Shopee, supporting scalable data-driven insights and AI applications.
- Technologies: Selenium, Python, ...

E-commerce Template Base Crawler

Fullstack Developer & Data Engineer

Vietnam
Apr 2023 - Aug 2023

- Building a crawler system that gathers e-commerce product data from various sources, brands, and shops. It uses XPath templates to extract product details such as name, price, and images, with continuous update mechanisms.
- Provides an end-to-end experience: includes a tool for creating templates, a web app for managing crawled data and crawl history, and a dynamic core crawler system.
- Users only need to create a template for a sample product link on the website, and the system will automatically crawl all related products based on the generated template.
- Technologies: Selenium, ReactJS, NodeJS, Python, ...

FUNiX Learning Management System (LMS)

Fullstack Developer & Team Leader

- A web application that provides a platform for students and instructors to manage their courses, allowing them to access educational materials and interact with each other. Build from OpenEdx open-source project.
- Technologies: ReactJS, Django, MySQL, AWS Cloud.

FinAlnce Assistant

Fullstack Developer & Cloud Engineer

Vietnam
Apr 2023 - May 2023

- **FinAlnce Assistant** is a financial chatbot designed to provide various functionalities to help users manage their finances more effectively. With the power of ChatGPT, our chatbot predicts user behavior, automates basic tasks, and offers real-time financial insights.
- Champion of FUNiX ChatGPT Hackathon
- Technologies: ReactJS, Flask, GPC Cloud, Firebase, ChatGPT Prompt, ...

Doctor Cyclop

Fullstack Developer & Cloud Engineer

Vietnam
Apr 2021

Supervisor: M.Sc. Nguyen Hai Nam

- Implements the machine learning model for classifying the presence and correct placement of tubes on chest x-rays, allowing for easy access and practical application of the model by medical professionals.
- Top 3 FPT Edu Hackathon 2021: Using AI for image recognition
- Technologies: MeteorJS, MongoDB, AWS Cloud.

AWARDS

- Champion of **VPBank Hackathon 2024**.
- Champion of **FUNiX ChatGPT Hackathon**.
- Runner up of **Hack CX Together 2025**.
- Runner up of **NRC x FPT Hackathon 2024**.
- Third Prize of **FPT Edu Resfest 2023**.
- Won third prize in **FPT Edu Hackathon 2021: Using AI for image recognition**.
- Won third prize in **FPT Edu Hackathon 2019: Make it happen**.

CERTIFICATES

- AWS Certified Solutions Architect - Associate by AWS.
- AWS Certified Cloud Practitioner by AWS.
- AWS Academy Certified Educator by AWS.

ACTIVITIES

Bootcamp Cloud Practitioner FUNiX - AWS

Major instructor

Vietnam
Sep 2022

- Authorized AWS Academy Educator.
- Selected as a lecturer for the AWS Academy Cloud Training Bootcamp in Vietnam, organized by FUNiX and AWS Academy, where I shared my knowledge and experience in the field of cloud computing with students.

- Assumed responsibility for instructing an AWS Cloud Foundation course, with a class size of nearly 800 students, delivering comprehensive and engaging lessons on the fundamentals of cloud computing.

FPTU JS Club - Japanese Software Engineers

Member - Academic Department

- My university club where we share knowledge and skills at programming and software development. We organize training classes that help with improving coding skills, academic events, tech-sharing sessions, and more.

Vietnam

July 2022 - Aug 2023

FUNiX Mentor

Mentor

- Assisted in providing answers to students' inquiries regarding FUNiX subjects, with a focus on information technology and soft skills, ensuring that their academic and technical queries are resolved.
- Participated in the evaluation process, administering exams to assess students' competence and readiness to complete the course, ensuring that they possess the required knowledge and skills

Vietnam

Sep 2022 - Present

Developh Vietnam

Techcontent Mentor

- Mentor of the DIY Camp program - an online coding camp for high school and college students, emphasizing on self-study and communication between learners and mentors.

Vietnam

July 2021 - Dec 2021

Codelearn

Problem Setter and Blog Writer

- Developed and reviewed competitive programming challenges for weekly and monthly contests, ensuring high-quality and engaging problems for participants.

Vietnam

Aug 2020 - Aug 2021

OTHER SKILLS

- **Languages:** English | Vietnamese: native.
- **Programming languages:** Go, Python, JavaScript, Bash Script, SQL.
- **Frameworks & libraries:** NextJS, MERN Stack, VueJS, Flask, Django.
- **Other tools:** Langchain, Linux, Git, Docker, AWS, k8s, ...

REFERENCE

Mr. Nguyễn Hải Nam

CPO, FUNiX

Tel: + 84902291877