LE VAN CUONG

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TECHNICAL SKILLS & COMPETENCIES

Programming Languages:	JavaScript/Typescript, Java/Scala, Python
Frameworks & Libraries:	Node.js, NestJS, React, Play Framework
Database & ORMs::	PostgreSQL, TypeORM, Prisma, MongoDB, Mongoose
Cloud & DevOps:	AWS (EC2, S3, Lambda, API Gateway), Docker, CircleCI, Serverless Framework
Collaboration:	Git, Confluence
Software Development Principles:	Object-Oriented Programming (OOP), Domain-Driven Design (DDD)
Core Competencies:	Microservice Architecture, API Development and Integration

EXPERIENCE

Grid Solutions, Inc. — Tokyo, Japan
Software Develop Engineer, Remote, Full-time — Aug, 2021 - Present

- Designed and implemented microservices using NestJS, TypeORM/Prisma, and PostgreSQL, improving system scalability and maintainability.

- Deployed auto-scaling services using the Serverless Framework integrated with AWS Lambda, API Gateway, EventBridge, and IAM, enhancing performance and reducing operational costs.

- Integrated marketplace and management features for NFT projects using Hardhat, Ethers.js, OpenZeppelin, Alchemy, and NFT.storage, facilitating seamless interactions with ERC-721 tokens.

- Maintained and enhanced core features of a distributed energy management system built on Java, Scala, and the Play Framework, ensuring compliance with the OpenADR protocol.

XB TECHNOLOGY CO., LTD — Da Nang city, Vietnam
Software Engineer — Apr 2022 - Aug 2023

- Designed and developed an e-commerce service for the UAV delivery system, utilizing NestJS, TypeScript, PostgreSQL, and the Serverless Framework to ensure scalability and reliability.

- Designed and developed a billing service within the UAV management system to support advanced optional packages, adhering to Domain-Driven Design (DDD) principles and employing the same technology stack.

- Maintained and enhanced core features of the platform's management and auxiliary services, ensuring efficient orchestration of UAV flights.

- Deployed and managed these services on AWS, leveraging Amazon EC2, S3, Lambda, and API Gateway for high availability and seamless integration.

Advanced Network Design & Analysis Lab. — Seoul, South Korea
Research Assistant — Sep 2019 - Aug 2021

- Conducted research on emerging technologies such as network functions virtualization, container orchestration systems, and Infrastructure as Code (IaC).

- Developed a web application to streamline Kubernetes template creation, improving deployment efficiency and reducing setup time.

EDUCATION

Soongsil University — Seoul, South Korea
M.Eng. Information and Communication Technology *GPA: 4.18/4.50* — Aug 2019 - Aug 2021

Danang University of Science and Technology — Danang, Vietnam
B.S.E Information of Technology *GPA: 3.2/4.0* — Aug 2013 - Aug 2018

PROJECTS

URL Shortener *Tools Used: NestJS, TypeScript, PostgreSQL*   https://github.com/kanelv/url-shortener
A URL shortener service that creates an alias or a short URL for a long URL. When users hit these short link, they are redirected to the original URL.

CONFERENCES AND PRESENTATIONS

An Extended Agent-Based Mechanism For Testing Service Function Chain

October 2020