

# **Nguyen Viet Tuan Anh**

Technical Leader | Senior Backend Engineer

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# Summary

An experienced IT professional with 8 years of expertise in Kotlin, Java Spring Boot, and Node.js. Known for solving complex problems, effective stakeholder communication, and team collaboration. Passionate about exploring cutting-edge technologies like AI and blockchain.

# **Work Experience**

Feb 2025 - Present

# **GIAOHANGTIETKIEM | Senior Software Engineer**

- Learning and analyzing legacy systems
- Rebuilding and modernizing logistics system

Mar 2020 - Sep 2024

# Nano Technologies (YC W21) | Founding Team Member - Senior Backend **Engineer - Technical Leader**

- Conducted market research on Earned Wage Access (EWA) model and bootstrapped company's backend infrastructure
- Developed features and integrated with client systems while maintaining data synchronization
- Collaborated with partners and vendors for SMS, voice otp, customer data platform (Segment), engagement platform (Clevertap), and eKYC integration
- Led a team of ~10 engineers and QA professionals in feature delivery

- Tech Stack: Kotlin Spring Boot 2.7 (Java 17), PostgreSQL, Redis, AWS (EKS, RDS, Lambda, Batch, Step Function, S3, Glue), CI/CD (GitLab Runner, CircleCI, GitHub Actions)
- Implemented RPA solutions using Puppeteer, Appium, WebdriverIO, and Ansible for process automation

Oct 2018 - Mar 2020

#### Focal Labs | Software Engineer

- Developed building management system product for UP Co-working Space
- Tech Stack: Node.js (NestJS 5), PostgreSQL, Redis, AWS Stack, Docker

Apr 2017 - Oct 2018

### **VTVLive | Software Engineer**

- Developed VTVPlay V3 (OTT System) API Server serving multiple platforms (Web, App, TV Box, TV App)
- Built and optimized ONSport API Server (onsports.vn) handling 3,000 concurrent users for exclusive content and live football streaming
- Tech Stack: Node.js (Express.js), MySQL, Redis, Docker, Docker Swarm, Nimble Streaming Server

Apr 2016 - Mar 2017

#### **Topica | Software Engineer**

- Project Usercore Developed centralized system for mapping and tracking user progress across ecosystem products
- Built search and course recommendation functionality for Edumall platform
- Tech Stack: Node.js (Express.js), Python, Ruby on Rails, MongoDB, MySQL, Redis, Elasticsearch

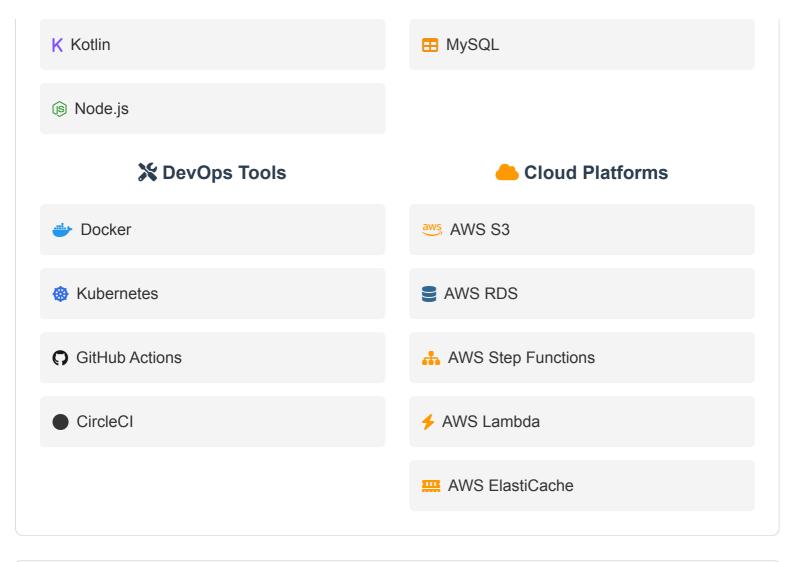
# **Skills and Expertise**

</> Programming Languages

Database Systems







# **Education**

2011 - 2016

# Ha Noi University of Science & Technology

• Engineer Degree in Information Systems

# References



CTO at Nano Technologies

# in Dzung Dang

CEO at Nano Technologies, Former CEO of Uber Vietnam

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