



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

 Java Spring Boot


 PostgreSQL

 Kotlin


 MySQL


 Node.js

DevOps Tools

 Docker

 Kubernetes

 GitHub Actions

 CircleCI


Cloud Platforms

 AWS S3

 AWS RDS

 AWS Step Functions

 AWS Lambda

 AWS ElastiCache

Education

2011 - 2016

Ha Noi University of Science & Technology

- Engineer Degree in Information Systems

References

 **Thang Nguyen**

CTO at Nano Technologies

 **Dzung Dang**

