NGUYEN VAN THANG

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SUMMARY

Backend Engineer with 2+ years of experience building e-wallet and payment systems using Node.js, C#, and microservices, working with clients in Thailand, Australia, and Vietnam.

WORK EXPERIENCE

DIGITAL BANKING - *JITS Innovation Labs - Fullstack Developer*   *Jan 2025 - Present*

Tech: Sails.js, MongoDB, React

- Led zero-downtime migration from MongoDB 6 to 8 for a production financial system.
- Developed core banking features: interbank transfers, online merchant regulatory reports, reconciliation, and bill payments.
- Designed and optimized secure, high-availability backend services for financial transactions.
- Built and maintained scalable backend services and React serving 50,000+ monthly users, delivering features 15% ahead of schedule.
- Implemented unit testing with Mocha & Chai, achieving 90%+ code coverage to ensure system reliability and maintainability.

VSF VPAY - *JITS Innovation Labs - Fullstack Developer*   *Nov 2025 - Present*

Tech: Sails.js, MongoDB, Microservices, Kafka

- Developed bill payment features, integrating multiple service providers and payment workflows.
- Developed core banking features: SBV regulatory reports, reconciliation, and bill payments.
- Built and maintained microservices-based backend systems, conducting load testing and performance optimization to support high-volume payment processing

TRUDI - *NCC ASIA - Back-end Developer*   *Mar 2024 - Dec 2024*

Tech: Express.js, PostgreSQL, Kafka, Redis, AWS/Minio

- Architected a CRM reporting service with Redis caching, reducing database load by 30%.
- Automated scheduled reports via Kafka, enabling flexible weekly/monthly customizations.
- Led migration from AWS S3 to Minio, cutting storage costs by 20% without compromising reliability.
- Partnered with the frontend team to integrate Angular components, ensuring seamless UX.

TIMESHEET - *NCC ASIA - Back-end Developer*   *Nov 2023 - Mar 2024*

Tech: ASP.NET Core, MSSQL, Angular 7, Azure/Minio

- Developed HRM features for project tracking, attendance, and leave management, serving 500+ users.
- Optimized SQL queries, improving report generation speed by 25%.
- Migrated AWS S3 services to Minio, maintaining 100% uptime during transition.
- Wrote robust unit tests using NUnit, Moq, and Testcontainers, achieving 90% code coverage.

EDUCATION

HANOI UNIVERSITY OF MINING AND GEOLOGY   *Sep 2021 - Feb 2025*

Software Engineering   GPA: 3.2/4

SKILLS

Programming languages: Javascript, Typescript (ES6), C#, Java.

Frameworks: Express.js, Sails.js, Nest.js, ASP.NET Core, React, Angular.

Database: PostgreSQL, MongoDB, MSSQL.

Tools: Docker, Kafka, Redis, Git, Jira, GitLab, AWS (S3, EC2)

Soft Skills: Team Collaboration, Problem-Solving, Time Management

Language certificates: (TOEIC 550, targeting 700+), Japanese (JLPT N5, targeting N4)