

NGUYEN DI DAN

SOFTWARE ENGINEER

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SUMMARY

Software Engineer with 3+ years of experience building and maintaining payment switching and Electronic Funds Transfer (EFT) systems in fintech environments. Experienced with Spring Boot services, NAPAS integration, multi-bank connectivity, transaction processing, reconciliation, and production incident handling.

Seeking a Software Engineer role in fintech or banking domains. Committed to fostering long-term client relationships and delivering exceptional value.

WORK EXPERIENCE

Software Engineer – Viettel Digital Services (VDS)

November, 2023 – Present

- Developed and maintained core payment switching and EFT services handling high-volume transactions.
- Integrated NAPAS as an intermediary payment network for transfer and centralized reconciliation.
- Migrated legacy transfer flows to a new architecture to improve scalability and partner compatibility.
- Implemented bank integration APIs for MB Bank, BIDV, VietinBank, Agribank, VPBank, LPBank, Sacombank.
- Built and enhanced payment execution flows: bank disbursement, wallet, merchant, and supplier payments.
- Improved system reliability via timeout handling, retry logic, and transaction state management.
- Designed and optimized Oracle & MariaDB databases; processed async events using Kafka.
- Participated in production deployment, incident analysis, and hot-fix delivery.

Software Engineer – Viettel Digital Talent (VDT) (2023)

February, 2023 – November, 2023

- Selected for Viettel Digital Talent (VDT), a competitive training program with mentoring from senior and international experts of Viettel Group.
 - Received intensive training in Software Engineering and backend system design, aligned with enterprise and fintech standards.
 - Participated in real-world projects, contributing to backend services related to payment systems and transaction processing.
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EDUCATION

Bachelor of Engineering – Posts and Telecommunications Institute of Technology (PTIT)

- Graduated: June, 2025
- GPA: 3.46 / 4.0

CORE TECHNOLOGIES

- **Languages:** Java, Kotlin (working knowledge), JavaScript/TypeScript, SQL
 - **Backend:** Spring Boot, Spring MVC, Spring WebFlux (working knowledge), RESTful API, NodeJS
 - **Frontend:** React, Angular, HTML, CSS
 - **Messaging:** Kafka
 - **Databases:** Oracle, MariaDB, MySQL, Redis
 - **Fintech:** Payment Switching, EFT, NAPAS, Multi-bank Integration, Wallet (Epass), Reconciliation
 - **DevOps & Tools:** Linux, Docker, Git, Swagger/OpenAPI, Structured Logging
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CERTIFICATIONS

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