LE MINH THONG

TECH LEAD / SENIOR FULL-STACK ENGINEER

📍 Ho Chi Minh City, Vietnam   🎂 27 Jul 1989   📞 +84 396 870 644

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◆ PROFESSIONAL SUMMARY

Hands-on Tech Lead / Senior Full-Stack Engineer with **10+ years of experience** delivering banking, fintech, ERP, payment, and high-transaction systems.

- Strong in business analysis, system design, and direct implementation, especially in payment, remittance, ERP, healthcare, supply chain, realtime systems, and AI/ML solutions.
- Proven ability to design, code, review, and operate production systems, while leading small engineering teams (3–5 members).
- Experienced in building RAG (Retrieval-Augmented Generation) systems and integrating LLM for intelligent document processing and knowledge retrieval.

◆ CORE SKILLS

Backend & Architecture

- **Languages:**
  .NET / .NET Core, Java, Node.js, Go, Python
- **Communications:**
  RESTful APIs, Realtime WebSocket
- **Architecture:**
  Microservices, CQRS, High-availability

AI/ML & Data

- **LLM & RAG:**
  RAG, LangChain, Prompt Engineering
- **Techniques:**
  Document Chunking, Semantic Embedding, Vector Search, Ranking

Database

- Oracle, PostgreSQL, MS SQL Server, Vector Databases

Frontend

- React, Next.js, Blazor, React Native

DevOps & Tools

- Docker, GitHub CI/CD

Domain Expertise

- Banking & Fintech, ERP, Healthcare
- IoT & Automation
- AI/ML (Document Intelligence, Knowledge Retrieval)

◆ WORK EXPERIENCE

ASIA COMMERCIAL BANK (ACB)   Jan 2021 – Present

Technical Lead

1. International Remittance – ARP / MoneyGram / Western Union

Domain: Banking, Remittance, Compliance

- Analyzed end-to-end remittance workflows (AML/KYC, reconciliation, settlement).
- Designed microservices architecture using CQRS for scalability and auditability.
- Designed asynchronous queue-based processing flows.
- Developed core backend services for remittance operations.

Tech: .NET Core, Java, Oracle, PostgreSQL, REST APIs, WebSocket

2. SmartPOS – Payment System

Domain: Payment, POS

- Developed backend services for POS payment processing and commission distribution.
- Implemented realtime transaction status/notifications using WebSocket.

Tech: Java, Oracle / MS SQL Server, WebSocket

3. OneLink & FamilyBank – Digital Banking

Domain: Digital Banking

- Performed technical analysis and system integration with core banking services.
- Participated in UI/UX design and frontend development.

Tech: React, .NET, REST APIs

4. RAG System – Document Intelligence & Knowledge Retrieval

Domain: AI/ML, Information Retrieval

- Designed and implemented RAG (Retrieval-Augmented Generation) system for intelligent document search and question-answering.
- Built document processing pipeline with chunking strategies and semantic embedding using LangChain.
- Implemented ranking algorithms to optimize retrieval accuracy and response quality.
- Integrated LLM for context-aware response generation from banking documents and knowledge base.

Tech: Python, LangChain, LLM, Vector Embeddings, Ranking Algorithms

M_SERVICE (MOMO)

2021 – 2023

Senior Software Engineer

CRM & HR Internal Systems

Domain: Fintech, Enterprise Systems

- Developed CRM backend systems for customer management, promotions, and commissions.
- Built HR & Payroll backend systems supporting the entire MoMo organization.
- Worked with large datasets and complex business rules.

Tech: .NET, Oracle, REST APIs

FPT INFORMATION SYSTEM (FIS)

2020 – 2021

Senior Software Engineer

Sacombank – Equipment & Warehouse Management

Domain: Banking, Asset Management

- Developed backend services for centralized equipment and warehouse management.
- Implemented data processing and reporting features for banking operations.

Tech: .NET, MS SQL Server

Nguyen Minh Steel – Production Management System

Domain: Manufacturing, ERP

- Developed backend modules for production planning and manufacturing.
- Supported high-volume data processing for industrial workflows.

Tech: .NET, MS SQL Server

E-Health – Hospital Management System

Domain: Healthcare, Insurance, Billing

- Developed backend modules for medical billing and insurance payment.
- Optimized systems handling high-volume healthcare transaction data.

Tech: .NET, MS SQL Server

VIETNAM SAMHO

2012 – 2016

ERP & MES Developer

ERP & MES Modules

Domain: ERP, MES

- Developed ERP & MES modules including HR, Payroll, Production, and BOM management.

Tech: Java, .NET, Oracle, MS SQL Server

◆ PERSONAL & TECHNICAL PROJECTS

VCS IoT – Production Automation Platform
Aug 2024 – Mar 2025

Domain: Industrial Automation / IoT

- Designed domain model and backend services for automation and realtime monitoring.
- Processed realtime sensor data for large-scale agricultural production (>500 hectares).

Tech: Go, PostgreSQL, REST APIs

Cashless Payment Platform – MWG
Mar 2023 – Present

Domain: Payment, Retail | https://mwg-eoc.goeat.vn

- Designed and developed backend systems for cashless payment processing.
- Supported millions of transactions per month with reliable transaction flows.

Tech: .NET, Blazor, MS SQL Server

ERP – Purchasing, Inventory, Acc & Prod
Jan 2024 – Present

Domain: ERP, Supply Chain | https://erp.goeat.vn

- Designed and implemented full ERP domain including purchasing, inventory, accounting, and production.
- Built scalable systems supporting industrial catering operations (~50,000 meals/day).

Tech: Next.js, Node.js, PostgreSQL

ZACO – Warehouse & Import/Export Mgmt
Jun 2024 – Present

Domain: Warehouse, Import/Export, Customs | https://zaco.goeat.vn

- Designed workflows for warehouse operations, customs documentation, and goods tracking.
- Built systems integrating e-documents and import/export processes.

Tech: Next.js, Node.js, PostgreSQL

◆ CERTIFICATIONS & LANGUAGES

Certifications

- Design Thinking Certificate – ACB (2024)
- Data Analytics – IMIC (2023)
- Agile Project Management in Banking – IMTPM (2023)
- Money Transfer Operations Certificate – MoneyGram (2022)

Languages

- **English:**
  Reading & Technical Communication