Huỳnh Lê Hữu Hưng

Java Developer

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Location: District 8, Ho Chi Minh City, Vietnam

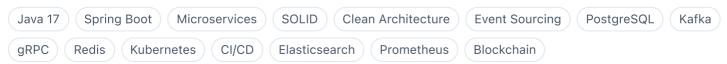
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PROFESSIONAL SUMMARY

Java developer with **5+ years** building trading, accounting and payment platforms (incl. blockchain). Strong in **microservices**, delivering resilient, scalable distributed systems.

- Architecture: SOLID, Clean Architecture, Event Sourcing
- **Platforms:** authentication/authorization service, common libraries, Java agent for distributed tracing
- Strengths: solution architecture leadership, mentoring, agile delivery



TECHNICAL SKILLS

Languages

Java 17+, C, SQL

Architecture

SOLID, Clean Architecture, Event Sourcing, Microservices, Disruptor

Cloud & DevOps

Kubernetes, GitLab CI/CD, Nexus

Frameworks & Tools

Spring, Netty, gRPC, Kafka, ActiveMQ, Redis

Databases

PostgreSQL (clustering, performance), MySQL, Oracle, MongoDB

Monitoring & Performance

Java Microbenchmark Harness (JMH), JDK Mission Control (JMC), Elasticsearch, Prometheus, Grafana

Testing & Quality

JUnit, Mockito, SonarQube

WORK EXPERIENCE

Senior Java Developer — NFTECH SOLUTION

04/2025 - 09/2025

- Designed and implemented solution architecture for ecosystem-wide financial services.
- Led **mentorship and training** of junior developers, raising team performance and code quality.
- Contributed to **system reliability and scalability** in distributed financial applications.

• Common Libraries:

- Built server using both gRPC and Jetty to handle internal and external requests, supporting distributed authentication and authorization with JWT and Action-based authorization, server-to-server authentication using HMAC / Digital signature.
- Implemented distributed algorithms with Zookeeper.
- Developed a Java Agent monitoring tool with ByteBuddy and OpenTelemetry, compatible with Elastic APM and Datadog.

• Common Services:

- Centralized configuration management and secured sensitive configs using AWS Secret Manager.
- Developed an Authentication Platform supporting authentication, session management, and Action-based authorization.
- Built a Notification Platform to send notifications via email, SMS,
 WebSocket, and SNS.
- Designed a **Database Cluster Service** for management and sharding of data across multiple PostgreSQL databases.
- Enhanced the Financial Accounting System with a simplified Two-Phase Commit (2PC) for distributed transactions, improving throughput and latency.

• Projects:

- Payment Gateway System: merchant management, wallet management, blockchain integration, and billing services.
- Financial Ecosystem: deposit and withdrawal via Payment Gateway, commission system for 500,000+ users, financial tools (trading, binary options, candle chart), and WebSocket Gateway for high traffic.
- Sharding Database Cluster: built native SQL protocol to support PostgreSQL cluster using C.

Intern, Java Developer — NFTECH SOLUTION

07/2019 - 04/2020

- Supported testing, monitoring, and performance measurement of the Financial Accounting System using Prometheus, Elasticsearch, and Grafana.
- Assisted in building a Payment Gateway System integrated with popular blockchains (Bitcoin, Ethereum, Tron, Binance Smart Chain).

EDUCATION

Bachelor of Information Technology — Ho Chi Minh City University of Technology and Education (HCMUTE)

06/2016 - 06/2020

Soft Skills: Teamwork, problem-solving, leadership, agile development

Interests: Trading, blockchain, finance, system design