



DINH KHOI

Solution Architect

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I am a deeply passionate technologist, dedicating most of my time to immersing myself in learning and developing software. With 10+ years as an expert full-stack developer in high-traffic e-commerce and banking sectors, my philosophy centers on focused clarity—selecting optimal tools and strategies to solve complex problems efficiently. I deliver solutions that are not just technically sound, but elegant and valuable, driving real impact for teams and millions of users.

◆ SKILLS



Frontend/Client-side

Extensive experience building diverse client-side apps (web, SPAs, micro frontends, server-side rendering) for high-traffic e-commerce and banking, delivering scalable UIs for millions of users.

JavaScript/TypeScript: Angular, React, Next.js, Electron, React Native, RxJS, Redux – Optimized for interactive platforms, real-time dashboards, and cross-platform compatibility.

C#: Avalonia – For desktop apps with seamless backend integration and high-performance rendering.



Server/Application

Versatile expertise in multiple languages for scalable backends handling high concurrency, real-time processing, and secure

transactions in finance, gaming, and trading.

Node.js: HTTP servers for banking, real-time (Meteor), game servers for Unity - Optimized for low-latency in high-stakes environments.

C#: Unity apps - Focused on game logic, multiplayer, and cross-platform deployment.

Java: Quarkus, Spring Boot for banking microservices - Enhanced security and scalability for enterprise transactions.

PHP: Magento 2 (Adobe) for e-commerce - Improved performance and payment integrations.

Python: Automated trading systems for crypto markets - With data analysis and API for high-frequency efficiency.

Databases: PostgreSQL, MySQL - Schema design, query optimization, and data management for large-scale apps.



Infrastructure (Infra)

Proven expertise in enterprise infra management for tens of millions of users, focusing on reliability, scalability, and automation with key certifications.

Cloud: AWS (Certified Developer/Solutions Architect) - Deployed scalable setups with cost optimization and security.

DevOps & Orchestration: Jenkins, Harness (Certified), Kubernetes (Certified), Terraform (Certified) - Automated CI/CD, container deployments, and IaC for zero-downtime scaling.

Networking & Servers: Configured clusters, load balancing, and security - Ensured high availability and reduced downtime in distributed systems.

Monitoring & Observability: Splunk, OpenSearch, Fluent Bit - Expertise in deploying and managing end-to-end enterprise monitoring workflows for comprehensive system visibility and proactive issue resolution.

◆ EXPERIENCE



3 years

Technical Leader

National Australia Bank

- Contributed to one of Australia's top 3 largest banks, driving technical excellence and innovation.

- Led a development team on technical aspects, mentoring engineers and establishing best practices for high-quality software delivery.
- Architected and built critical applications within the Home Ownership domain, enhancing customer experience and business capabilities.
- Tech stack: Java, React (Micro-frontends), Node.js, AWS, Kubernetes.



2 years

Consultant Engineer

Golden Gate Group

- Consulted for Vietnam's largest F&B and restaurant chain, operating nearly 500 locations and major brands like The Coffee House, serving millions of customers.
- Led a cross-functional engineering team, providing technical leadership and strategic solutions for systems supporting millions of users and thousands of concurrent connections per second.
- Provided technical solutions and managed system builds for retail operations, enhancing performance and user experience.
- Tech stack: Magento e-commerce platform, React, Angular, Node.js (HTTP), React Native.



1.5 years

Senior Engineer

MEXC Global

- Contributed to a leading global cryptocurrency exchange, operating in a complex, high-stakes enterprise environment serving millions of traders worldwide.
- Developed and maintained high-throughput APIs using Python and Java, providing critical, real-time data for core cryptocurrency trading services.
- Built micro frontend mini-apps for internal use, integrating with complex infrastructure and complete workflows including testing (blackbox, E2E, unit, integration) and monitoring (Splunk, OpenSearch).
- Optimized deployments in a high-scale setup to ensure reliability and efficiency.
- Tech stack: Python, Java, Kubernetes, Docker, Harness, React.



3 years

Solution Engineer

SmartOSC

- Worked for Asia's leading Adobe Partner, specializing in delivering enterprise-level Magento e-commerce solutions for global

retail clients.

- Acted as a technical lead, architecting and delivering end-to-end e-commerce solutions for enterprise clients on the Magento 2 platform.
- Designed and implemented a comprehensive retail ecosystem, integrating third-party services such as payment gateways, shipping solutions, and Point-of-Sale (POS) systems.
- Led a development team in building highly customized, real-time applications and interactive frontends using Angular to enhance customer engagement.
- Tech stack: Magento, Angular, real-time applications.

◆ EDUCATION



Academy of Finance

Securities Specialization

Focus: Financial markets, investment analysis, securities trading, and portfolio management.



Professional Certifications

- **AWS Certified:** Cloud Solutions Architecture and Development
- **Harness Certified:** Continuous Delivery and DevOps Platform
- **Kubernetes (K8S) Certified:** Container Orchestration and Management
- **Terraform Certified:** Infrastructure as Code and Cloud Automation