DINH KHOI

Senior Engineer

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I am a deeply passionate technologist, dedicating most of my time to immersing myself in learning and developing software. With 7+ 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 monitoring – Ensured high availability and reduced downtime in distributed systems.

◆ EXPERIENCE

💼 2 years
Consultant Engineer
Golden Gate Group (Remote)

• 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 year
Senior Engineer
MEXC Global (Remote)

• 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