Minh Kha Tran

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WORK EXPERIENCE

NAVER Vietnam   Sep. 2023 – Jun. 2024
Backend Software Engineer   *HCMC, Viet Nam*

- NAVER Vietnam is a subsidiary of NAVER Corporation, South Korea's leading internet company, known for its innovative services like the NAVER search engine, LINE messaging app, and advanced AI-driven platforms.
- Developed a scalable social platform for Korean idols and fans, supporting ~50K monthly active users.
- Designed and deployed critical features like Calendar and Podcast Management.
- Conducted load tests and optimized APIs to ensure system reliability, handling 10K reads/sec and 1K writes/sec with under 100ms latency per application pod.
- Prepared production environments using Kubernetes and NAVER's cloud platform, meeting stringent security audits.
  - **Stacks:** Java; Spring Boot; MySQL; Redis; Kafka; Kubernetes; NAVER Cloud; Prometheus; Grafana

MoMo (M_Service)   Apr. 2022 – Aug. 2023
Backend Software Engineer   *HCMC, Viet Nam*

- MoMo is Vietnam's leading digital payment platform, providing millions of citizens with seamless financial services and everyday payment solutions.
- Implemented & enhanced over 10 microservices on Google Kubernetes Engine, handling 1000 RPS with 100ms response times.
- Reduced response latency from 1.2s to 100ms via caching strategies, saving thousands in operational costs.
- Improved inter-service communication using Kafka and gRPC and streamlined tools for non-technical users.
  - **Stacks:** Kotlin; Google Cloud Platform; Redis; Kafka; gRPC; Kubernetes

EDUCATION

Western Illinois University   Aug. 2024 - May. 2026
Master's, Computer Science   *Macomb, IL*

- **GPA: 4.0/4.0**

VNUHCM - University of Science   Jan. 2020
Bachelor's, Computer Science   *HCMC, Viet Nam*

- **GPA: 3.38/4.0**

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** CS50x AI Certificate, IELTS Academic (8.0 Overall)
- **Technical Skills:** Java, Spring Framework, Kubernetes, MySQL, Redis, Kafka, gRPC, Python, Go, Svelte, TailwindCSS
- **Cloud Platforms:** Google Cloud, Oracle Cloud, Kubernetes-based systems
- **Languages:** Vietnamese (Native), English (IELTS Academic 8.0 Overall)
- **Interests:** AI and machine learning applications, Kubernetes experimentation, and RPG games