

Leo Tran

Mobile: 0478088838 Email: leotrn9xbiz.com linkedin.com/in/leotran9x github.com/phantom037

EDUCATION

- **Monash University** Clayton, VIC
Bachelor of Computer Science April 2024
- **De Anza College** Cupertino, CA
Associate in Science June 2021

EXPERIENCE

- **P&Q Trading** Springvale, VIC
Graduate Software Engineer June 2024 - Now
 - **Designed and implemented a microservices architecture:** Developed 5 APIs (identity, profile, notification, product, and core services) using Spring Boot, integrating MySQL, Neo4J, and MongoDB; streamlined centralized access with Spring Cloud Gateway, improving system scalability and reducing latency by 20%.
 - **Optimized inter-service communication and deployment:** Enabled seamless downstream service integration with OpenFeign, distributed real-time notifications via Kafka, and deployed on GCP, enhancing throughput by 15% and supporting 10,000+ daily users.
- **Infosys** Melbourne, VIC
Software Engineer Intern January 2024 - April 2024
 - **Led a team of 4 interns:** Built a full-stack application using Python, TensorFlow, Hugging Face, and React, deployed on AWS Lambda and S3; integrated multilingual subtitles into Infosys Australia's platform, cutting costs by 30% for 5,000+ users.
- **Nasdaq** Sydney, NSW
Software Developer Intern December 2022 - September 2023
 - **Automated and scaled stock transaction alert system:** Built an end-to-end CI/CD pipeline using Jenkins, Git, Docker and Maven on AWS EKS, reducing manual deployment effort by 2 hours per cycle and speeding up releases for a multi-region stock alert system.
 - **Collaborated on scalable Nasdaq Alert Retriever:** Worked with 20+ team members in Agile to design a Java-based, JUnit-tested Maven project for retrieving and writing trading market data, deployed on AWS for high scalability and reliability.
- **GAOTek Inc** Melbourne, VIC
Software Engineer Intern July 2022 - October 2022
 - **Enhanced mobile app security and performance:** Developed OAuth2 and JWT-based authentication using Spring Boot, PostgreSQL, and Redis cache, replacing Firebase; reduced API response time from 200ms to 150ms.
- **Naa Technology** Cupertino, CA
Software Developer Intern April 2021 - January 2022
 - **Built full-stack NFC/QR sharing application:** Designed REST/CRUD architectures with Spring Boot and MySQL for a personal info-sharing app using NFC and QR codes; deployed on AWS EC2 for reliable access.
 - **Developed product recommendation system:** Engineered a collaborative filtering system in Python with matrix multiplication, managing 7,000+ user datasets; written testing with JUnit for robust isolation, achieved a 35% boost in recommendation accuracy.

PROJECTS

- **UmeTalk:** GitHub: github.com/phantom037/umetalk-mobile
Developed a scalable social media app (200+ users) with Flutter, using Firebase for auth, Firestore for real-time messaging. Implemented Kafka message queues for posts, notifications to reduce server load, and optimized newsfeed retrieval by implementing on-demand post fetching from MySQL with 40% improving retrieval speed.

PROGRAMMING SKILLS

- **Languages:** Java, Python, Go, Dart, SQL, Bash
- **Frameworks & Tools:** Spring Boot, Flask, Flutter, Docker, MySQL, Neo4J, MongoDB, Kafka, Jenkins, AWS, GCP