

TRẦN LÊ QUỐC BÌNH

FULLSTACK DEVELOPER

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SUMMARY

Full Stack Developer with experience developing web applications and enterprise systems. Passionate about building scalable, maintainable software solutions that effectively address real-world business challenges. Continuously learning new technologies and leveraging AI as a supporting tool to improve productivity and deliver high-quality software.

TECHNICAL SKILLS

- **Programming Languages:** Java, TypeScript, JavaScript, SQL
- **Frameworks & Technologies:** Spring Boot, Node.js, React, Next.js, HTML, CSS, Docker, Git
- **Databases & Cloud:** PostgreSQL, MySQL, MongoDB, Google Cloud Platform (GCP), AWS

PROFESSIONAL EXPERIENCE

Full Stack Developer

Sep 2025 – Jul 2026

Rethink Workflow Inc.

- Developed and maintained full-stack features for Jupiter AMS, an enterprise multi-tenant Insurance Agency Management System using React, GraphQL, Node.js, TypeScript, and PostgreSQL.
- Developed and enhanced the CPA Commission Report by implementing complex commission reporting logic and optimizing data processing, ensuring accurate financial reporting and improving system maintainability.
- Built a secure administration platform enabling Super Admin to safely execute bulk maintenance operations –including commission recalculation, data backfill, cleanup, and GCS/FTP synchronization–through a role-based web interface.
- Developed an AI-powered Knowledge Base Assistant using Google Vertex AI (Gemini), pgvector, Firestore, and Cloud Functions, implementing a Retrieval-Augmented Generation (RAG) pipeline with semantic search and role-based document retrieval to provide accurate answers from internal knowledge bases.

EDUCATION

Industrial University of Ho Chi Minh City (IUH)

Sep 2021 – Jul 2026

Bachelor of Engineering in Software Engineering

- **GPA:** 3.37/4.00 (8.20/10.00)
- **Relevant Coursework:** Data Structures, Object-Oriented Programming, Software Architecture, Web Development, Database Systems.
- **TOEIC:** 615 (L&R)

AWARDS & ACHIEVEMENTS

- Academic Scholarships: Three scholarships (2×100%, 1×50%) for outstanding academic performance.
- IUH Non-Major Informatics Olympiad: Top 7 (2022).
- Youth and Children's Creativity Contest: First Prize (Provincial) & Second Prize (National) (2019–2020).
- High School Informatics Contest: Second Prize (Provincial) (2019).
- Vietnam Science and Engineering Fair: Second Prize (Provincial) (2019–2020).
- Youth Informatics Contest: Consolation Prize (Provincial) (2019).

PERSONAL PROJECTS

Graduate Thesis Management System

May 2025 – Dec 2025

Repository: [Backend](#), [Frontend](#)

Team size: 2 – Role: Team Leader & Full-stack Developer

- Led the architecture and full-stack development of a graduation thesis management platform using Next.js, Spring Boot, MongoDB, Redis, Docker, and GitLab CI/CD.
- Developed role-based workflows for students, supervisors, faculty staff, and graduate offices.
- Built a DDD-based microservices system using RabbitMQ, Redis, Docker, and GitLab CI/CD.
- Achievements: Thesis score 9.5/10, co-authored a published scientific paper ([Publication](#)), selected to present before the university evaluation committee, and received the Potential Project Award.