

Quoc Le

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Technical Skills

Languages: C, Python, SQL, JavaScript, TypeScript, HTML/CSS, Java, R, Assembly, Swift

Frameworks: React, Node.js, Next.js, TailwindCSS, Firebase, Swing, JUnit, JQuery

Developer Tools: Git, Docker, Github, VS Code, Visual Studio, Makefile

Education

Bachelor of Computing in Computer Science (Co-op), Minor in Geomatics Guelph, ON, Canada

University of Guelph

Sept. 2023 – April 2028

- **Relevant Coursework:** Data Structure and Algorithm, Object Oriented Programming, Discrete Structure 1 & 2, Operating System, Microcomputers, Linear Algebra, Earth from Space

Projects

frij.io | *Next.js, React, TypeScript, Firebase, Firestore, Swift* [🔗](#) [📄](#) Feb 2025 - Present

- Winner of **Best AI App** at **Hack Canada Hackathon**.
- Built a **smart food management app** to reduce waste, track shared expenses, and optimize grocery trips.
- Implemented **AI-driven receipt scanning** and **food recipe generation** using **Perplexity AI**, boosting accuracy by **50%** and reducing manual verification efforts.
- Currently developing an **iOS version** and switching to **Supabase** to make food management **effortless** on the go, ensuring users can track groceries, split expenses, and find recipes right when they need it.

Asset Tracker Management | *Java, TypeScript, PostgreSQL, Next.js* [🔗](#) [📄](#) Jan 2025 - Present

- Deployed on a **Linux server**, implementing **OOP principles** for maintainable and scalable code.
- Building **RESTful APIs** and a **microservices backend** using PostgreSQL to support real-time stock data with enhanced accuracy (improved by **30%**) by implementing automated **API testing** and logging frameworks.

Convoco | *Next.js, React, TypeScript, Firebase, Firestore* [🔗](#) [📄](#) Mar 2025

- Developed Convoco, a real-time debate platform with AI-driven moderation, speech-to-text capabilities, fact-checking, and real-time translation for seamless global debates.
- Implemented advanced user features including debate history, personalized statistics, leaderboard integration, and cryptocurrency rewards.

Tennis Locator | *Next.js, React, TypeScript, Firebase, Firestore* [🔗](#) [📄](#) Dec 2024

- Developing a **full-stack app** for real-time tennis court searches with an **AI chatbot** and a responsive **UI**.
- Improved user experience by implementing **React Router**, resulting in faster page transitions.

Me's Restaurant | *JavaScript, HTML/CSS* [🔗](#) [📄](#) July 2023

- Designed and developed a **fully responsive online menu** for catering to assist my parent's business, **attracted 50+ users**.

Experience/Volunteer

Information Technology Support Specialist May 2024 – August 2024

Fracht Group

Kampala, Uganda

- **Teamed up** with an **assigned team** to set up and configure **80+ employee** workstations, reducing onboarding setup time by **15%**.
- **Managed hardware** and **software inventory** to ensure compliance and operational efficiency.
- Provided **technical support** for **local** and **remote** users via **TeamViewer** and managed customer support tickets efficiently using **Zendesk**, achieving a **90%** first-attempt resolution rate.

GDSC Hackathon

University of Guelph

May 2024

Guelph, ON

- **Contributed** as a staff member in a **3 day Hackathon** for over **200 participants**, leading a **hands-on workshop** to equip attendees with essential technical skills and enhance their competition readiness.