

# HARRY KANG

## SUMMER INTERNSHIP

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### PROFILE

Opportunities aren't given, they're created through **proactive** action. I constantly challenge myself, fail fast, and learn along the way. That's how I've grown, not just in tech, but in life. I'm a developer driven to build meaningful things and contribute to the world with both my skills and attitude. I love camping and hiking because they give me time for meaningful conversations with others.

### PROJECTS (MORE PROJECTS AVAILABLE IN MY PORTFOLIO VIA QR CODE)

#### Beyond Vision - AI Accessibility App, AI Hackathon, AUT south campus

August 2025 — Present

Problem: Identified the lack of digital accessibility for visually impaired users

- Co-developed a web app that delivers richer image descriptions through a swipe-based interface (human, object, scenery, storytelling).
- Selected **OpenAI API** over Google Cloud Vision after testing both: OpenAI provided more contextual, sentence-level captions, smoother TTS integration, and stronger language flexibility — essential for adding Māori translations.
- Planning to evolve the web app into a **mobile application** and collaborate with Māori organizations to improve translation accuracy and inclusivity, ensuring cultural authenticity.
- Delivered a working prototype in 48 hours, praised by mentors for its potential to **advance digital accessibility and cultural inclusivity**.

#### Intelligent Sports Management Platform, (client-based project)

April 2025 — July 2025

Client: Club Filipino Tauranga Inc. / Problem: manual scoring management system

Skill: *React.js·Django·MySQL·REST API·Axios·VPS·Github Aciton·WSGI·CI/CD*

- **Led deployment strategy on VPS namecheap cloud hosting** as DevOps developer
- **Configured and maintained CI/CD pipelines** using **Git, GitHub Actions** for automated deployment.
- **Containerized development environments** using Docker for consistency across local, staging, and production.
- **Monitored application health** using logging tools and planned Prometheus/Grafana integration for real-time metrics.
- **Communication:** Weekly meetings with clients and teammates strengthened my ability to receive feedback, understand client needs, and deliver effective solutions.
- Learned how proper **documentation** boosts team efficiency after experiencing setbacks from poor **knowledge sharing**.
- Realized the value of **root cause analysis** after spending days resolving recurring errors.

#### SeamlessStop – Intelligent Bus Stop Automation System

January 2025 — February 2025

*React · Node.js · Django · MySQL · SUMO Simulation · API Integration*

- Developed passenger-facing frontend UI using **React** (Vite).
- Worked on API integration and user-side stop request features and Designed UI by using **Figma**

### EDUCATION

(Level 9) Master of Software Engineering at Yoobee College, Auckland

July 2024 — August 2025

Bachelor of Science in Software Engineering at Hongik University, Korea

March 2016 — December 2022

### CERTIFICATES

Google Generative AI Certificate (Ongoing), Google Academy

September 2025

The Ultimate React Course 2025: React, Next.js, Redux & More, Udemy

June 2025

Django with React: An Ecommerce Website, Udemy

June 2025

### EXTRA ACTIVITIES (FOR MORE ACTIVITIES, PLEASE SEE PORTFOLIO)

1st Place Winner, Trade Me Think-a-thon (Summer of Tech, 2025)

- proposed an AI-powered career guidance feature targeting Gen Z job seekers.

### **Node.js Group Study (June 2025 - Aug)**

### **Working as sales assistant in New Zealand (July 2024 - Present)**

- Learned to think like an owner by approaching tasks from the customer's point of view.

### **Tech Meetups & Trends Enthusiast**

- Actively attend tech meetups to explore emerging tools and trends, driven by **curiosity** and a passion for **continuous learning**.