Kanghyeok LEE

Chatswood, Sydney Australia
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LinkedIn Profile
Portfolio

Career Objective

Recent Bachelor of Information Technology graduate with hands-on experience in JavaScript (React, Node.js) and growing proficiency in Java and Python. I have built an AI-powered chatbot and an Online Voting System, strengthening my skills in object-oriented programming, APIs, and debugging. Culturally, as a Korean in Australia, I value diversity and aim to contribute to inclusive and globally minded teams that enrich our shared community.

Technical Skills

- Programming Languages: JavaScript, TypeScript, C#, SQL, Java, Python
- Frontend Frameworks: React.js,TailwindCSS
- Cloud Computing: AWS (Lambda, EC2, S3, Lightsail)
- Backend Development: .NET, Node.js, RESTful APIs, PHP, MySQL
- Testing & Tools: Jest, React Testing Library, Git
- Other Tools: Vercel, Visual Studio Code, GitHub, IntelliJ

Education

Bachelor of Information Technology
Victoria University Sydney Campus
09/2022 - 09/2025

Bachelor of Aviation
University of South Australia
2016 - 2019

Diploma in Graphic Design
Billy Blue College of Design

University Project

Online Campus Voting System
Victoria University Sydney Campus

Objective: To design and implement a secure, easy to use web application that allows students to authenticate, cast votes for campus elections, and enables basic admin oversight. The goal was to provide a clear flow for voters, prevent duplicate submissions, and keep the setup simple enough to run on standard uni lab PC's

Tools: PHP 8 (server-side), MySQL (data store), Apache/XAMPP (local web server), HTML/CSS3, Bootstrap (responsive UI), vanilla JavaScript (form validation), Git and GitHub (version control).

Duties: This was an individual project. I designed the database schema (candidates, voters, ballots), built server-rendered pages with PHP, and created a mobile-responsive UI with Bootstrap. I implemented server-side and client-side validation to prevent duplicate votes and invalid submissions, added an admin page to review counts and export CSV, and used Git for

structured commits. I documented the setup so the app could be cloned and run locally via XAMPP.

Outcome: The system met the objective: students could authenticate, vote once per election, and admins could review and export results. I presented a live demo and submitted a short technical report covering schema design, validation flow, and limitations/future improvements (e.g., stronger auth, audit logs).

Result: Distinction for this project

Employment History

Restaurant Manager 2023 - Present
Tokuya, Chatswood
- Monitoring inventory and placing supplier orders, maintaining par levels and reducing stock-out/waste
- Analysing POS reports (sales mix, voids, discounts) to guide menu decision and staff coaching
- Resolving guest issues on the floor, maintaining table turns and recovering service to protect Google review scores.

Student Pilot 2019 - 2021
UniSA Academy, Parafield Airport SA
- Planning flights by reviewing **MET**/**TAF**, NOTAMs and airspace, calculating **weight & balance** and take-off/landing performance.
- Conducting thorough **pre-flight inspections** and using normal/emergency **SOP checklists** from start-up to shutdown.

Military Service - Republic of Korea Army (ROKA), Sergeant 2014 - 2016
- Completed national service and was promoted to Sergeant, leading a small team of soldiers during training and operations. Built reliable habits around discipline, safety, and mission readiness under time pressure.
- Enforcing safety protocols and incident reporting; mentoring junior soldiers on standards and conduct.

Graphic Designer 2010 - 2014
Printprocol, Seven hills
- Retouching, color-correcting, and compositing photos; preparing print-ready files (bleed, CMYK, dielines) and liaising with printers on proofs.
- Building and maintaining a lightweight brand/design system (colors, type scale, iconography, grid, templates) to keep consistency across all teams.

Personal Attributes

- **AI-savvy problem-solver** not just *using* AI but using it well, decomposing tasks, writing clear prompts, and validating outputs. For my AI Chat agent and portfolio, I used AI to scaffold components/tests and research APIs, then reviewed and refactored the code myself, cutting build time by ~30–40% while keeping quality high.
- **Time management & organisation** proven by balancing university, part-time work, and multiple projects (portfolio, voting system, AI agent). Planning tasks in small deliverables, meeting self-set weekly milestones, and shipping on schedule without last-minute rush.
- **Attention to detail & ownership** demonstrated by fixing cross-browser/UI issues (e.g., React ref errors, animation clashes, mobile overflow) and adding accessibility touches (keyboard focus, ESC/overlay close, reduced-motion). I document decisions and follow through until the feature feels "production-ready."

Hobbies and Interests

- Unity game development C# - building small prototypes & levels
- Hiking, Singing

References

Adrian Cannon - Solicitor and Attorney

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Saraj Mughal - ICT Services Manager at State Library NSW

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