

Harry Park

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SUMMARY

Software engineer with **practical experience** delivering **end-to-end solutions** through an **internship project** and **personal application**, showcasing **software development skills** from system design to deployment. Passionate about building **scalable, user-first products** and eager to contribute within a **collaborative engineering team**.

EXPERIENCE

Link Australia Intl. Student Service Centre, Software Engineer Intern Sep 2024 – Jan 2025

- Overview: Built a Learning Management System (LMS) that automated course curriculum management, mock exams, access control, and student progress tracking, streamlining weekly staff workload by over 75%.
- Full-Stack Development: Developed the platform with React/Typescript (frontend) and NestJS/PostgreSQL (backend), improving development speed and preventing type mismatches.
- Stakeholder Collaboration: Communicated project scope, cost, and technical decisions to a non-technical PM using wireframes and user stories; iterated based on feedback through meetings on a regular basis.
- System Design: Designed the system architecture and implemented jwt-based auth; evaluated and selected a cost-efficient video delivery solution with domain protection for secure, scalable, and stable content delivery.

Yongsan District Office, IT & Administrative Assistant (Conscription Service) Mar 2021 – Dec 2022

- Overview: Contributed to a 10-person vehicle registration team assisting residents, foreign nationals, and US military personnel in a high-volume district office in Seoul, South Korea.
- Operations Management: Tracked quarantine compliance for 200+ inbound residents using a government-issued COVID monitoring app; ensured 98.5% compliance by resolving all breaches within hours.
- Communication: Provided Korean-English interpretation and translation during vehicle registration, improving accessibility and reducing delays for non-Korean speakers.

Self-Employed, Programming & Coding Tutor Jul 2020 – Dec 2020

- Mentorship: Guided college students in mastering Python, Java, and core programming concepts such as logic and problem solving, resulting in all students earning an A or A+ in their programming units.

PROJECTS

Personal Project, Harry's Timer (<https://harrys-timer.com>) Mar 2025 – Apr 2025

- Web Development: Built a responsive timer app using Next.js, Tailwind css and Zustand with timer, stopwatch, and local time/date features via browser APIs; deployed on Vercel for public use.

The University of Sydney, Capstone Project (High Distinction, 93/100) Jul 2023 – Dec 2023

- Software Engineering: Led backend architecture for a backend team of 3 in a 7-person project; built a full-stack platform for a real client to share renovation content and cut the React frontend codebase by 30% via refactoring.

EDUCATION

The University of Sydney, Bachelor of Computing - Computer Science Jul 2018 - Dec 2024

- Courses: Object-Oriented Programming, Systems Programming, Data Structures and Algorithms, Algorithm Design, Intro to AI, Distributed Systems, Scalable Data Management, Computer Science Capstone Project.

KEY SKILLS

Languages: HTML, CSS, Javascript, Typescript, Java, Python, C

Frontend: Node.js, React, Next.js, Jest

Backend: Express.js, NestJS, Spring Boot

Database: SQL, MySQL, PostgreSQL, Redis, Prisma, TypeORM, JPA

Cloud: Docker, AWS (S3, RDS), Vercel, Supabase