

HARRY DO

GRADUATE SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineering graduate with hands-on experience building automation workflows and integrations for SaaS applications. Proficient in JavaScript, TypeScript, Python, and REST APIs, with a strong understanding of SQL and cloud-based solutions. A collaborative team player with strong communication skills and a practical problem-solving mindset, experienced working in Agile/Scrum environments. Eager to contribute as a Junior Software Engineer, leveraging technical ability and adaptability to support client integration projects.

WORK EXPERIENCE

SEEDSoft - Software Engineer Intern | Sydney, NSW (Remote) Apr 2025 - Oct 2025

- Engineered asynchronous processing pipelines using BullMQ and Redis, reducing task latency by **~40% and enabling 3x higher** throughput in a scalable system.
- Implemented LLM-powered features and AI agents, applying critical thinking and system design principles to automate workflows and improve platform efficiency.
- Designed and integrated RESTful APIs and backend services, demonstrating strong ownership and attention to detail through rigorous testing, debugging, and clean code standards.
- Collaborated cross-functionally within an Agile/Scrum team, actively participating in sprint planning, stand-ups, and retrospectives to deliver full-stack features iteratively using Next.js, TypeScript, and Tailwind.

Groove Technology - Software Developer Intern | HCMC, Vietnam Dec 2024 - Mar 2025

- Contributed to an enterprise-grade HRMS **serving 200+ users** across a multi-tenant architecture, developing GraphQL queries via Apollo Federation gateway and reusable UI components for core HR modules including Employee Profiles, Leave Management, and RBAC workflows
- Built and enhanced backend services using TypeScript, Prisma, and PostgreSQL, ensuring high performance, scalability, and data integrity for complex enterprise processes
- Demonstrated strong adaptability by ramping up on a large-scale codebase within the first week, independently delivering production-ready GraphQL features under tight deadlines.
- Demonstrated strong communication, initiative, and ownership, earning recognition from senior leadership for proactive problem-solving and consistent delivery of production-grade features.

PERSONAL PROJECTS

Expense Tracker Finance App (Next.js, Typescript, PostgreSQL, Tailwind CSS) Dec 2025

- Designed and built a **full-stack expense tracking web application** with secure JWT authentication, RESTful APIs, and relational database schema design using Next.js, TypeScript, and PostgreSQL.
- Deployed to production via GitHub Actions CI/CD pipelines and Vercel, demonstrating end-to-end ownership from architecture through automated build and deployment.

Gesture Based Image Manipulation Software (Python, OpenCV, MediaPipe) Jan 2025

- Built a real-time gesture-controlled image manipulation system using computer vision and hand landmark detection.
- Implemented gesture-based crop, resize, brightness adjustment, and rotation features using OpenCV image processing techniques.

TECHNICAL SKILLS

- AI & Development Tools:** Claude Code, Cursor, GitHub Copilot, OpenAI API, Prompt Engineering
- Core Technologies:** JavaScript, TypeScript, Python, Java, React (Next.js), Node.js, Express, GraphQL, REST APIs
- Cloud & DevOps:** AWS (EC2, S3), Docker, CI/CD (GitHub Actions), Git, Redis, Firebase
- Professional Skills:** Cross-functional Collaboration, Fast Learner, Problem-Solving, Critical Thinking

EDUCATION

La Trobe University - Bachelor of Information Technology - Major in Software Engineering - WAM: 81/100 Jul 2025

- Honours/Awards:** La Trobe High Achiever Scholarship (25%)

Ton Duc Thang University - Major in Software Engineering - Fully funded scholarship (100%)-GPA: 3.6/4.0 Jun 2023

CERTIFICATIONS

- Google AI Professional Certificate (2026)
- Claude Code in Action (2026)
- Microsoft AI Skills: Building Agents with Copilot Studio (2025)
- Azure DevOps Foundation (2024)
- Google Cloud Computing Foundation (2024)

REFERENCES

Available upon request - Professional reference letter from the CEO of Groove Technology is available