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ABOUT ME

Information technology graduate with experience in WordPress development and TypeScript/Next.js projects, including a real-time queue system and an enrolment CRM. Casual academic tutor at Flinders University and current Master of Philosophy student at Torrens University Australia.

EDUCATION

Torrens University Australia Jun 2026 - Present
Master of Philosophy | Wakefield Campus, Adelaide SA. Expected completion: mid 2028.

Kent Institute Australia Mar 2024 - Mar 2026
Bachelor of Information Technology | Sydney NSW. Capstone project: High Distinction.

EXPERIENCE

Casual Academic Tutor Jul 2026 - Present
Flinders University | Adelaide SA

- Run workshops for COMP1702 Fundamentals of Software Engineering.

Student Support and Website Coordinator Mar 2023 - Apr 2026
Proxy Consulting and Associates | Sydney NSW

- Supported prospective international students through course selection, applications and enrolment.
- Maintained student records and case notes in the company CRM and coordinated with education providers.
- Updated the company website and processed admission and enrolment documentation for compliance.

Web Developer Intern Dec 2023 - Feb 2024
Quinlan Consulting Team Pty Ltd | Melbourne, remote

- Built and updated WordPress pages with Divi and Astra themes, plus custom HTML and CSS for layouts.
- Managed plugins and completed layout updates to short sprint deadlines in a fully remote team.

SOFTWARE PROJECTS

Softora Queue

- Real-time queue system with Discord sign-in and an admin panel, released as documented open source.

Technologies: TypeScript, Next.js, Prisma, Socket.IO, Docker. Code: github.com/rojinc/softora-queue

Educational Consultancy CRM

- Web app for managing student enrolment leads, with role-based access, simple reporting and an admin view.

Technologies: Next.js, MongoDB, Tailwind CSS, NextAuth. Demo: educrm.appwrite.network

RESEARCH

Post-quantum cryptography on ARM Cortex-M0+ 2026
Benchmarking NIST-Standardised ML-KEM and ML-DSA on ARM Cortex-M0+: Latency, Rejection-Sampling Variance, and Memory on the RP2040. First author, with Sijan Dhakal and Asmita Gautam. arXiv preprint, 2026.

- All six parameter sets; latency, memory and rejection-sampling variance; benchmark suite is open source.

Code: github.com/rojinc/pqc-cortex-m0-benchmark
Paper: arXiv:2603.19340

TECHNICAL SKILLS

Languages: C++, C (embedded, ARM Cortex-M), Python, JavaScript, TypeScript, PHP, SQL, HTML, CSS.
Web: React, Next.js, Vue.js, Node.js, Express, Tailwind CSS, Bootstrap, WordPress.
Tools and databases: Git, GitHub, Docker, Linux (Ubuntu), AWS, MongoDB, MySQL.