

Neel Sharma

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Penultimate-year Computer Science student at UNSW with hands-on experience across full-stack development, technical infrastructure, and team leadership. Comfortable contributing at every stage of the project lifecycle, from system architecture through to deployment, across both team and independent settings. Passionate about building reliable, well-crafted software and sharing technical knowledge with others.

EDUCATION

Bachelor of Computer Science, UNSW

2025 - 2027 with 92.1 WAM + Faculty of Engineering Dean's Honours List

Higher School Certificate, Sydney Boys High School

Graduated 2024 with 97.95 ATAR

National Computer Science School (NCSS), Melbourne

Attended 2023

EXPERIENCE

AI Research Intern at Infosys (2026)

- Led a cross-functional team in migrating a 10K-row research database from fragmented Excel files into a unified relational database system, delivering a full UI built on Microsoft Access.
- Developed a proof-of-concept AI Cost Monitoring dashboard in a company-wide hackathon using React and Next.js, collaborating under time pressure to ship a functional product.
- Applied the DSRP systems thinking framework to analyse the problem space of responsible AI, synthesising findings into structured research deliverables.
- Collaborated with colleagues across multiple countries and cultures, strengthening cross-cultural communication skills in a global enterprise environment.

Development Subcommittee Member at UNSW Linux Society (2025 - 2026)

- Developing the Linux Society website, Discord Bot and surrounding infrastructure for managing society events and member information.
- Crafting technical workshops to educate university students about various computer science and Linux-related topics.

Senior Programming Mentor at UNSW EMU Robotics (2023 - present)

- Teaching programming and robotics fundamentals using the Java language.
- Maintaining and orchestrating technical infrastructure with Docker Compose and Linux VPSes, including a self-hosted Matrix Homeserver for team communication.
- Building the team's website at emu-robotics.au using the Astro static site generator.
- Communicating complex technical concepts in an easy-to-digest manner.

PROJECTS

SpikeTracker - A full-stack web application to record and monitor volleyball statistics for Sydney Boys High School's volleyball teams.

- Uses the SvelteKit web framework and TypeScript language for both frontend and backend code.
- Features multi-level authentication with independent interfaces for students and coaches/admins.
- Uses the OAuth 2.0 specification to interface with SBHS's student login portal.
- Deployed serverlessly using Vercel and Turso DB.

Please see my [GitHub](#) profile and website (iamkneel.dev) for more projects and info.