





CALLUM ROWSTON

Software Engineer

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Software engineer with 2+ years of experience building robust, user-focused web applications using React and Python. Proven ability to collaborate with cross-functional teams and adapt quickly to new technologies. Strong communicator and team player skilled in automation, and a strong interest in cybersecurity and scalable tooling for data-driven environments.

EXPERIENCE

Junior Software Engineer

Wicky | March 2023- Present

- Engineered an automated web scraping tool that accepts user-defined betting queries and retrieves real-time odds for same-game multis from major sportsbooks
- Collaborated with founder, developers, and data team to design and implement user-focused betting tools for NRL, AFL, NBA, NFL, cricket and fantasy using React and Python
- Built responsive front-end interfaces for AI-powered sports chatbots using Streamlit, enabling users to query real-time stats and odds across multiple leagues
- Boosted scraping efficiency by 6× through multi-threaded Python implementation, enabling faster, scalable collection of real-time betting odds from multiple sources
- Designed and built a bet tracking app with authentication, leader boards and sorting functionalities and mentoring two interns over a month during the process

Software Engineer Internship

Wicky | February 2023 - March 2023

- Worked with founder and developer on NRL betting odds tool and cricket stats tool
- Used WordPress to update website appearance and functionality to increase engagement

PROJECTS

[FLIPIQ Flashcards](#)

- A full stack flashcard app with on demand AI quiz generation built using React, Django, Next.js, and OpenAI.
- Full CRUD functionality, validation and middleware incorporating user login, quiz generation and guest login for ease of exploring.

[Little Mover's Club Website](#)

- A single page, scrollable website with contact form built for a small business to attract clients. Solo project built using Next.js, TypeScript, Tailwind, Framer and Resend.

EDUCATION

CoderAcademy

2022 - 2023

Diploma of IT (Web Development)

Macquarie University

2014-2016

Bachelor of Chiropractic Science

SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS

Frameworks: React, NextJS, Node, Express, Django, Flask, Streamlit

Databases: PostgreSQL, MongoDB

DevOps: Git, AWS, Vercel, Heroku, Netlify, Railway

Testing: Jest, PyTest