RITTHICK THIAGA

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EDUCATION

University of New South Wales, BSc Computer Science (Specialised in Security Engineering)
-Sept 2023 to Present

CERTIFICATIONS

ISC2 – Certified in Cybersecurity

SKILLS

Programming Languages: Java, JavaScript, Python, SQL
Web Technologies & Databases: HTML, CSS, MySQL
Frameworks & Libraries: React, Framer Motion, Tailwind CSS
Tools: Vite, Next.js, Burp Suite, Metasploit, Postman

EXPERIENCE

Penetration Tester, Pearler – Sydney, Australia   ***Sept 2024 – Dec 2024***
• Conducted security assessment on Pearler's main web application, identifying critical vulnerabilities that posed risks to user data.
• Discovered exposed sensitive information in HTTP headers, preventing potential data leakage and improving overall security posture.
• Uncovered and documented a clickjacking vulnerability, recommending mitigation strategies to prevent UI redressing attacks.
• Compiled a detailed security report outlining findings, risk assessments, and remediation recommendations, improving company-wide security awareness.

Data Analyst Extern (Remote), Webacy – San Francisco, US   ***Aug 2024 – Sept 2024***
• Analysed and labelled smart contract vulnerabilities, enhancing accuracy in risk categorization and security assessment.
• Conducted correlation analysis of risk tags to identify the most prevalent vulnerabilities, improving fraud detection by 25%.
• Applied unsupervised machine learning for cluster analysis, identifying common security risks and profiling high-risk contracts.

Python Tutor – Shanghai, China   ***Dec 2023 – Feb 2024***
• Provided personalized Python tutoring, helping students grasp data structures, algorithms, and software development concepts.
• Led students in developing a Food Management System, integrating Python with SQL databases, enhancing their practical coding skills by 40%.
• Conducted online assessments to track student progress and tailor lesson plans for optimal learning outcomes.
• Encouraged innovation by designing project-based learning, allowing students to build real-world applications.

EVENTS AND NETWORKING

BSides Canberra 2024 | Atlassian Sydney Networking Event | Atlassian Sydney Datathon 2024

VOLUNTEERING

Wellness Warrior, Arc UNSW   ***Sept 2024, Dec 2024***
• Engaged with 150-200 students weekly through interactive wellness initiatives, fostering a culture of mental health awareness, promoting self-care strategies, and contributing to campus-wide well-being initiatives

Marketing Intern – Mumbai, India   ***Mar 2022 - May 2022***
• Designed promotional videos and content, increasing audience engagement and enhancing the organization's mission visibility.