

Adithyan Sathyanarayanan

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[Github](#) | [LinkedIn](#) | [Website](#)

EDUCATION

Western Sydney University

December 2023

Bachelor of Information and Communication Technology – Cyber Security

Achievements: Dean's merit list student for 2 consecutive years with **6.3 GPA**, People's Choice Award 2023

La Trobe University

Expected November 2025

Master of Information Technology – Cloud Computing

Achievements: Student mentor at La Trobe Student Association Leaders

PROJECTS

Galactic Guardians

3D Game with Rokoko Smart Gloves Integration

- Designed, developed **10+ detailed 3D models** using Blender ensuring high-quality assets for immersive gaming.
- Collaborated with a team of **5 students** to implement a custom pipeline in Unity to seamlessly integrate motion capture data with in-game animations and controls, optimizing the gameplay for large screen interactions.
- Established performance benchmarks and KPIs to measure the responsiveness and accuracy of motion-captured inputs, leading to a **20% improvement** in gameplay fluidity.

Sage Wallet

Personal Expense Analysis Cloud App

- Developed and launched an AI-powered expense tracker that improved user budget management efficiency by **25%**, featuring an intuitive dashboard and secure API-based login system.
- Engineered a scalable backend to categorize & store user financial data and providing personalized advice. The app, created using React, NextJs and deployed on Vercel, **maintained 99.9% uptime** across all devices and browsers.

News Reporter Bot

- Developed an automated Python bot that increased news retrieval efficiency by **40%**, gathering latest updates from the **top 5** news providers in Australia in **7 categories** via Api integration.
- Implemented an AI-driven summarization feature that tailored daily news reports for users.

Catalogue Management System

- Developed local system with products buying, selling and managing functions using Tree and Hash Maps in C++

WORK EXPERIENCE

Lead Brand Ambassador – Crossmark Intel Program

- Led a team of **30+ sales representatives** as the NSW & VIC Sales Team Leader, acting as the primary point of contact for the team as well as working with store managers for inventory/sales updates.
- Achieved recognition for the **highest number of laptop sales** in Australia, demonstrating strong sales performance and leadership skills.

TECHNOLOGY & SKILLS

Tools and Applications: Android Studio, Unity 3D, Blender, Figma, Oracle, MongoDB, Adobe Suite, Jira, Docker

Programming Language: ReactJS, C, C++, HTML/CSS, Java, .NET, Python, Swift, LaTeX, SQL, R

Certifications: Cisco Certified Network Associate (CCNA), Google Analytics