



Ashan Niwantha

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Skills

- **Leadership & Soft Skills:** Customer Support & Technical Troubleshooting, Adaptive Team Management (300+ students), Conflict Resolution, Public Speaking, Cross-functional Communication, and Strong Problem-Solving with a focus on clear, user-friendly solutions.
- **Languages:** English (Fluent) – Professional proficiency in technical and interpersonal communication; Sinhala (Native).
- **AI & Data Architecture:** Foundational knowledge of Generative AI (LLMs), Python, Data Analytics, and Machine Learning concepts, with a focus on building practical and user-oriented solutions.
- **Technical Ecosystem:** Experience working with REST APIs, Supabase, PostgreSQL, and TypeScript, along with version control using Git/GitHub to build reliable and scalable applications.

About Me

Customer-focused technical problem solver who enjoys making technology simple and approachable. Experienced in supporting large student communities (300+) and helping individuals overcome technical challenges with clarity and patience. Committed to delivering excellent customer experiences through a balance of technical knowledge and empathy.

Experience & Leadership

Student Association President

ESOFT Metro College — 2023–2024

- **Leadership & Coordination:** Elected leader for 300+ students; managed cross-departmental logistics for major events, including the Annual Sports Meet and a community charity outreach programme.
- **Conflict Resolution:** Acted as the primary point of contact for internal communications, successfully resolving student grievances and organizational challenges through active listening and problem-solving.
- **Technical Mentorship:** Provided hands-on support during campus hackathons, simplifying complex coding logic and AI concepts for peers of all technical levels to ensure project success.

School Announcer & Sports Contributor

Pu/Nandimithra Central College — 2021–2023

- Developed strong public speaking and communication skills as the official announcer for school-wide events.
- Demonstrated discipline and teamwork through consistent participation in inter-school volleyball and athletic competitions.

Projects

Agent Memory Lab

<https://github.com/ashanniwantha/AgentMemoryLab>

- Modern AI agents need more than conversation history. They need structured facts, semantic search, summarisation, and agent coordination through a shared memory layer.
- This project demonstrates how to build that system in a practical, async-first architecture

Amptudix – Music Tracker Platform

<https://amptudix.com/>

- Developed a high-traffic platform that integrates the Deezer API to provide real-time music data to users.
- Built a robust, scalable architecture using Next.js and Supabase, ensuring a seamless and high-performance user experience.

Education

Higher National Diploma (HND) in Data Analytics 2023-2025

ESOFT Metro Campus, Colombo

G.C.E. Advanced Level (A/L) 2026

Pu/Nandimithra Central College

Subjects: ICT, Physics, Combined Mathematics

Pearson Diploma in IT and English 2023-2024

ESOFT Metro College, Chilaw