

IDRIS AKLAN

Melbourne, VIC | 0410 782 457 | idrisAklan04@gmail.com | linkedin.com/in/idris-aklan | github.com/idris-Ak

AI Strategy & Solution Prototyping | Data & Automation | Stakeholder Delivery

PROFILE

Final-year Software Engineering student with ~18 months of hands-on AI and data experience across Snowflake, RMIT University and an early-stage startup. **Owned 5+ enterprise AI proof-of-concepts end to end**, covering discovery, prototyping, testing and stakeholder demos, and designed evaluation frameworks that keep AI outputs accurate, monitored and responsibly governed. Graduating Nov 2026; available for the Feb 2027 intake.

EDUCATION

RMIT University - Bachelor of Software Engineering

Expected Nov 2026

EXPERIENCE

Solutions & Support Engineering Intern | Snowflake

Feb 2026 - Jul 2026 | Melbourne, VIC

- **Owned 5+ enterprise AI proof-of-concepts end to end and supported 10+ client engagements** across logistics, aviation, retail, healthcare and telecom, leading discovery with 4-6 stakeholders each, validating feasibility, prototyping and demoing; **4 of 5 owned POCs progressed to implementation planning or adoption.**
- Built an LLM insight layer for a national logistics operator that **cut forecast-context turnaround from ~2 days to under 5 minutes (~300 analyst hours/year of manual research avoided)**, surfacing the macroeconomic and geopolitical drivers behind fuel-consumption forecast confidence using Snowflake Cortex with prompt templating, tool orchestration and Teams/email delivery; POC moved into implementation planning.
- Designed an AI operations framework that **brought 100% of agent inputs and outputs under continuous evaluation, up from no systematic monitoring**, scoring every response against defined failure modes via CI/CD gates and LLM-as-judge, making agent behaviour auditable and responsibly governed ahead of an enterprise rollout.
- **Gave three operational groups a single shared view for in-the-moment decisions without analyst support**, building an operational control board on Streamlit and Snowflake with a five-minute refresh across three consultation cycles with designers, analysts and engineers.

Data Engineering & Analytics Intern | RMIT University

Jul 2025 - Feb 2026 | Melbourne, VIC

- **Took an LLM commentary solution from POC into production**, saving an estimated **~200 analyst hours/year** of manual investigation by explaining month-on-month KPI movements against internal drivers at report generation, using Snowflake, dbt, SQL and Power BI.
- **Prevented an estimated ~\$106K and 3-4 months of engineering effort** on an integration that would not have worked, proving through sandbox testing that Informatica API limits and a 100-relationship ceiling could not support the intended lineage and glossary use case; the prototype, risk matrix and memo drove platform reassessment.
- **Blocked an estimated 15-18 net-new data-quality warnings per month across six analytics teams** via a regression-based dbt CI/CD gate, standardising the data quality downstream analytics and AI workloads depend on.

Software Developer Intern | IT Boost Australia

Feb 2025 - May 2025 | Melbourne, VIC

- **Scoped client use cases across ~12 discovery sessions in 3 months**, translating ambiguous requests from nontechnical business owners into defined use cases and rapid prototypes they could react to.
- **Cut administrator-to-client support response from hours over email to real time in-session**, building an in-platform messaging POC with persisted history and role-separated views using React, Node.js, Socket.IO and MySQL with JWT authentication.

SELECTED PROJECTS

VetCare Platform | React, Java/Spring Boot, Node.js, PostgreSQL, OAuth, AWS: Consolidated appointment booking, medical records, prescription refills and vet dashboards into one secure full-stack hub.

IT Boost Chat App | React, Node.js, MySQL, WebSockets, Linux VPS, PM2: Built and deployed a real-time messaging app with authentication, protected routes, message persistence and admin views.

SKILLS

AI & Machine Learning: LLM applications, AI agents, Snowflake Cortex, prompt and tool orchestration, agent evaluation (LLM-as-judge), responsible AI monitoring, drift detection, prototyping and experimentation

Data & Analytics: SQL, Python, Snowflake, dbt, Power BI, Streamlit, PostgreSQL, MySQL, data preparation, data quality

Software & Cloud: JavaScript, TypeScript, React, Node.js, REST APIs, AWS, Docker, Git, CI/CD, Linux

Delivery & Consulting: Stakeholder discovery, requirements gathering, AI opportunity identification, pilot delivery, feasibility assessment, testing, executive-ready demonstrations