

SADIK AHMED PINON

ICT Graduate | Data & Analytics · Digital · Technical Support | Bachelor of Computer Science, Charles Darwin University
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4/71 Sabine Road, Milner NT 0810 • Subclass 485 visa, valid to 25 July 2028 (covers full program duration)

PROFESSIONAL PROFILE

Computer Science graduate bringing both data analytics and hands-on ICT capability, ready to contribute across data, digital and technical-support roles. Darwin-based, Subclass 485 visa valid to 25 July 2028.

- Data strength: analysed 40 years of **NT Government open data** in Power BI — found Greater Darwin absorbed **80% of the Territory's working-age growth since 2011**, published on GitHub
- ICT breadth: completed a competitive university ICT placement across service desk, client services, cyber security and development, plus live software projects of my own
- Two-time CDU scholarship recipient, settled in Darwin and committed to building a **career in the Territory public sector**

CORE SKILLS

Data & BI: Power BI (DAX, Power Query / M, data modelling, drill-through reporting), data visualisation, SQL, Python (Pandas, Seaborn, Matplotlib), exploratory data analysis, data quality validation

ICT Support: Service desk (Tier 1/2), ticket management (HALO), Active Directory, ICT asset builds and imaging (Intune), account and access administration

Development: JavaScript, Node.js, C#, ASP.NET Core, Python, REST API design, relational databases (MySQL, PostgreSQL, SQLite), Git / GitHub, agile delivery

Professional: Stakeholder communication, requirements gathering, cross-functional teamwork, staff supervision, plain-language reporting for non-technical audiences

SELECTED PROJECTS

NT Population Analysis — Power BI — NT Government Open Data

github.com/dhalipinon/nt-population-analysis

- Identified that Greater Darwin absorbed 80% of the Territory's working-age growth since 2011 while ageing faster than any other region, by analysing 40 years of Northern Territory Government open data (17,280 records across six service regions) end to end in Power BI
- Delivered a single-page report designed for decision makers — every chart titled with a finding rather than a field — by building 12 DAX measures in a dedicated measures table, deriving custom sort and life-stage columns in Power Query, and applying deliberate data visualisation choices to foreground one region against five
- Safeguarded data quality by validating record counts and totals against published figures, flagging preliminary and revised data vintages, and confirming reported trends held across both population cohorts before publishing
- Published the model, report and full method documentation to a public repository under the dataset's CC BY 4.0 licence for reproducibility

Data Jobs Dashboards — Power BI — Power Query / M, DAX

- Produced market-insight reporting on a large 2024 data-science job-postings dataset — two interactive dashboards including a drill-through market overview — by appending monthly source files, cleaning and reshaping in Power Query, modelling a star schema, and writing DAX measures with what-if parameters

Screen Time Impact on Adolescent Wellbeing — Python — Pandas, Seaborn, Matplotlib

- Quantified the relationship between screen time and adolescent mental-health indicators across 98,000+ records — a linear regression model evaluated with R^2 and MSE — by cleaning and pre-processing the data, performing exploratory data analysis and data visualisation, and translating statistical output into plain-language findings

PoultryProX — Live E-commerce Platform — React 18, TypeScript, Supabase, Vercel

- Shipped and secured a live production online store end to end, with zero disruption to real users during security remediation, by conducting vulnerability assessment, configuring Supabase Row-Level Security policies, and hardening edge functions

EasyGames — E-commerce & POS Application — ASP.NET Core 8 MVC, EF Core

- Built a multi-role retail platform with inventory management and POS checkout — margin calculation, low-stock warnings and tiered order tracking across three user roles — by designing the relational schema and managing it through EF Core migrations

PROFESSIONAL EXPERIENCE

ICT Placement (AWESome Program) — Digital & Technology Services, Charles Darwin University — Darwin NT June – July 2026

- Gained a whole-of-department view of enterprise ICT in a government-adjacent environment through a competitively selected 50-hour placement, rotating across four DTS functions: IT Kiosk, Client Services, Cyber Security, and Data & Development
- Resolved walk-up staff and student issues at first point of contact — account access, identity verification and ICT equipment provision — and observed Tier 1 and Tier 2 incident resolution within the HALO ticketing system
- Supported ICT asset operations including builds and sanitisation using Intune and CDU toolsets, on-site remediation, and Audio-Visual support for teaching spaces
- Gained exposure to enterprise data delivery and security operations by shadowing the Data & Development team on the Callista student-system project and Cyber Security analysts triaging daily alerts across the Microsoft Defender suite

Backend Developer Intern — Digi Tech Lab — Remote

June 2026 – Present

- Deliver server-side features for an e-learning platform in Node.js — RESTful APIs and data models supporting interactive learning functions — by working through Git branching, code review and iterative delivery against changing requirements in a distributed team

Fresh Convenience Supervisor — Woolworths — Darwin City NT

2023 – Present

- Supervise daily operations of a fresh department in one of Darwin's highest-traffic stores, holding service standards through peak trading periods, by coordinating team members and making rapid stock, safety and service decisions under pressure
- Built cross-functional adaptability across four-plus departments — grocery, fresh, produce and front-end — while completing a Computer Science degree full time
- Communicate constantly across customers, team members and management — a stakeholder-communication skill set that carries directly into analyst work

EDUCATION

Bachelor of Computer Science — Charles Darwin University — GPA 5.24 / 7

March 2024 – June 2026

- Two-time scholarship recipient: CDU Destination Australia Scholarship (top 9 students selected) and CDU Global Merit Scholarship
- Key coursework: Foundations of Data Science, Database Concepts, Database-Driven Web Applications, Algorithms & Complexity, Distributed Development, Human Computer Interaction & Design, Cyber Security, Project Management, Research Project
- Delivered projects end to end — gathering requirements, designing a data model, then building, testing and presenting the solution — with repeated distributed-team group work building genuine collaboration through version control

PROFESSIONAL DEVELOPMENT

Power BI for Data Analytics — Full Course (Luke Barousse)

Completed 2026

- Built core and advanced visualisations, applied Power Query for ETL across CSV, Excel, folder and cloud sources, and worked with DAX for measures, time and comparison logic, and what-if parameters
- Delivered two portfolio dashboards on a real 2024 dataset, including a star-schema model with advanced DAX

Industry Mentorship — Data Analyst, Power and Water Corporation

2026

- Completed a structured mentorship with a practising data analyst at an NT Government-owned corporation, exploring analytics career pathways and the data analyst role within the Territory public sector

ITIL 4 Foundation — IT Service Management — In progress

- Studying the ITIL 4 framework — incident, request, problem and change management — to formalise IT service-management practice

REFERENCES

Scott Beven — Chief Information Security Officer / Deputy Director of ICT Support, Digital Technology Solutions, Charles Darwin University

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Sabrina Doha — Cyber Security Analyst, Digital & Technology Services, Charles Darwin University (direct workplace supervisor during ICT placement)

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