

Brody McBain

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SUMMARY

Technical Specialist with expertise in **IT automation**, **data analysis (SQL, Power BI)**, and **Microsoft Intune**. Proven ability to streamline workflows (e.g., **44-user Autopilot deployment**), enhance security, and support **Defence systems integration**.

EXPERIENCE

Technical Specialist - Air Battlespace Management | Australian Public Service (APS) – Department of Defence

April 2025 - Present, Williamtown, NSW

Data Technician Cadet - Program Support | Australian Public Service (APS) – Department of Defence

March 2025 - April 2025, Williamtown, NSW

- Built **Gantt chart tools** in **Power BI** for project tracking, improving **timeline forecasting accuracy**.
- Automated data validation, reducing **manual workload** and errors.

IT Systems Administrator | 3ME Technology

March 2024 - November 2024, Newcastle, NSW

- Deployed **Microsoft Autopilot** for **44-user self-service setup**, cutting onboarding time.
- Integrated **Entra ID** with **SSO/RBAC**, strengthening **access security**.

PROJECTS

Business Intelligence Dashboard – EPA Operational Optimisation | University of Newcastle

July 2024 - November 2024

- Developed a **Power BI dashboard** (backed by a **SQL Server DataMart** with star schema) to enable data-driven decisions for field operations.
- Performed **predictive analytics** on compliance, resources, and feedback, delivering **actionable insights** (office restructuring, incentives).
- Ensured data integrity through **ETL optimization** and **QA techniques** (deduplication, foreign key validation).

EDUCATION

Bachelor of I.T., Business Technology | University of Newcastle

Callaghan, NSW, 2024

- Skills: **SQL, Power BI, Python, relational databases**.
- Projects: **Python image processing** (NumPy/Matplotlib), **Agile/Scrum** teamwork.

SKILLS

- **Technical:** PowerShell, Intune, Azure, Git, FreeBSD.
- **Data:** SQL, Power BI, Python, R.
- **Soft Skills:** Stakeholder engagement, problem-solving.

AWARDS & HONORS

College Commendation Award

University of Newcastle, 2023, 2024

- Awarded for achieving a Distinction average or higher across the academic year.