

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

Australian Public Service (APS) – Department of Defence

Data Technician Cadet

Williamstown, NSW
March 2025 – April 2025

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

3ME Technology

IT Systems Administrator

Newcastle, NSW
March 2024 – November 2024

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

Spruce & Bloom

Landscape Gardener

Pearl Beach, NSW
August 2023 – January 2025

- Maintained the exterior of 21 holiday rental properties, preparing them for guest check-ins.

Projects

University of Newcastle | *Business Intelligence Dashboard – EPA Operational Optimisation*

February 2023 – November 2023

- Built a **Power BI dashboard** for NSW EPA, enabling data-driven decisions for field operations.
- Designed a **SQL Server DataMart** (star schema) for efficient **ETL** and reporting.
- Applied **predictive analytics** to assess office performance (compliance, resources, feedback).
- Delivered **actionable insights** (e.g., office restructuring, incentive redesigns).
- Ensured data integrity via **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.