

# Brody John McBain

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## SUMMARY

A highly motivated ICT professional with experience in integrating Microsoft Autopilot and EntraID to streamline onboarding and offboarding processes, enhancing security, and improving user experience. Skilled in **data analysis**, **predictive modeling**, and **performance metric evaluation**, with proficiency in **SQL**, **Power BI**, and **Python**. Holds a **Bachelor of I.T.** with a focus on business technology, and a proven ability to work independently and collaboratively to deliver effective solutions.

## EXPERIENCE

### ICT Specialist (Microsoft Autopilot & EntraID Integration)

3ME Technology

March 2024 - November 2024, Newcastle, NSW

- Streamlined **onboarding and offboarding processes** by implementing **Microsoft Autopilot** and **EntraID**, automating device provisioning and account management for employees, contractors, and partners.
- Configured **Autopilot** for automated device setup, ensuring seamless user experience and efficiency.
- Integrated **EntraID** for secure identity management, enabling features like biometric authentication and role-based access control.
- Conducted comprehensive **testing and validation** to evaluate workflows, ensuring effectiveness, efficiency, and user satisfaction.
- Supported the deployment, monitoring, and scaling of the solution, contributing to improved security, reduced costs, and enhanced user experience.

### Landscape Gardener

Spruce & Bloom

August 2023 - January 2025, Pearl Beach, NSW

- Maintained the exterior of 21 Airbnb properties, preparing them for guest check-ins and ensuring high performance and quality. Managed tasks independently and as part of a team, frequently working across 6 properties daily while upholding professionalism in interactions with clients and guests.

## EDUCATION

### Bachelor of I.T., Business Technology

University of Newcastle • Callaghan • 2024

- Conducted a comprehensive data analysis project, applying advanced techniques in predictive modeling and performance metric evaluation to optimise operational efficiency and resource utilisation. Utilized **SQL** and **Power BI** to visualise data and generate actionable insights that support strategic decision-making and drive organisational performance.
- Developed an efficient **Python-based data processing system** for analysing and summarising candidate responses, demonstrating proficiency in file handling, list manipulation, sorting algorithms, and formatted output.
- Created a **Python-based image manipulation program** using **Numpy**, **Matplotlib**, and **Scipy** to perform tasks like image loading, adjustments (brightness, contrast, saturation), RGB-HSL color space conversions, and advanced techniques such as unsharp masking.
- Designed and implemented a **relational database** to manage customer orders, inventory, staff, payments, and supplier data, using **SQL** to ensure data integrity through foreign key constraints and normalization. Developed views and SQL scripts to highlight key data insights.
- 5.8 GPA**

### Bachelor of Engineering, Chemical

University of Sydney • Camperdown • 2015

- Gained skills in mathematics, chemistry, **R**, and **MATLAB**
- Gathered knowledge and interest in **fluid mechanics**
- Completed 3 years full-time; incomplete

## CERTIFICATIONS

### 91352NSW - Course in Peer Literacy Tutoring

TAFE NSW

- Assisting students in enhancing their reading and writing skills.

## SKILLS

**Front End:** HTML, CSS, PHP

**Back End:** Python, SQL

**Other:** FreeBSD, Azure AD, Figma, UML, Intune, Power BI