

# Tom McCarthy

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## ABOUT ME

Final-semester Bachelor of IT (BIT) student at RMIT with hands-on experience in Python, Java, SQL, Linux and AWS. Strong foundation in systems, scripting and cloud fundamentals with practical experience building automation scripts, deploying virtual environments and managing version-controlled projects. Seeking opportunities across technology teams in a wide range of organizational environments.

## EDUCATION & CERTIFICATIONS

### Bachelor's Degree of Information Technology

RMIT University: Jul 2025 - 2026

### Associate's Degree of Information Technology

RMIT University: Jul 2024 - Jun 2025

### Diploma of Information Technology

RMIT University: Jul 2023 - Jun 2024

### FinOps Certified Practitioner

FinOps Foundation: Dec 2025

### AWS Certified Cloud Practitioner

AWS: Dec 2025

### Certificate IV in Real Estate Practice

Entry Education: Sep 2024

## SKILLS

### Programming & Scripting:

- Python, Java, SQL
- PHP, HTML, CSS
- Bash/Shell scripting

### Operating Systems & Environments:

- Windows & Windows Server
- Linux Mint, Ubuntu & ZorinOS (WSL & native)
- macOS, Virtualization (VMware, Hyper-V & Virtualbox)

### Development & Dev Tools:

- VS Code, Netbeans
- Git, Github, Docker
- FileZilla, PuTTY
- Jira & Trello

### Databases:

- SQL Server, MySQL, PostgreSQL & MongoDB

### Cloud & DevOps:

- AWS: EC2, S3, RDS, IAM, VPC
- High-availability & monitoring fundamentals
- CI/CD concepts & Terraform basics

### Networking & Infrastructure:

- Cisco Networking (Routing, Switching, VLANs, Subnetting)
- TCP/IP, DNS, DHCP, NAT
- Network troubleshooting & packet analysis (Wireshark)
- Firewalls & basic network security

## KEY COMPETENCIES

- |                                   |                        |                         |
|-----------------------------------|------------------------|-------------------------|
| • Process improvement             | • Adaptability         | • Leadership            |
| • Data analysis                   | • ICT literacy         | • Self-Motivation       |
| • Workflow design & documentation | • Communication skills | • Organizational skills |

## EXPERIENCE

### **Dymocks Books**

Bookseller & Supervisor Feb 2022 - Present

In my Bookselling role I have leveraged customer service skills to improve sales & increase customer retention via the Bookstore's loyalty program. I regularly review stock reports to identify opportunities for diversifying our stock offerings, In doing so I have significantly improved sales in several store categories. I also handle staff timesheets and effectively manage staff queries.

Dymocks C&L Franchise Interim Inventory Manager Aug 2024 - Feb 2025

I focused on group buying, top-up orders and customer orders to streamline inventory processes. By analyzing stock levels and customer trends, I improved efficiency and ensured our core items are always available, contributing to sales performance across the three-store franchise.

### **Stoneman's Bookroom**

Bookseller Nov 2018 - Mar 2022

During my three years with Stoneman's Bookroom, I honed sales skills, I became proficient in using our POS system software and gained extensive experience in back-office operations. All skills that seamlessly transitioned to my subsequent role at Dymocks.

### **Castlemaine North Primary School**

Education Support Worker Mar 2018 - Nov 2018

As my first job out of school, my position as an Education Support at Castlemaine North Primary School offered indispensable professional exposure. This formative experience allowed me to develop essential skills in communication, management & planning alongside the teacher, setting me up for the next few years with a new passion for learning.

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Referees will be provided upon request.