

William Boyle

Power Platform Developer

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Work Experience:

Environment and Climate Change Canada

Jan 2023 – Present

Power Platform Developer:

- Designed and deployed multiple production-grade Power Apps integrated with Power Automate, SharePoint and M365 tools to automate internal workflows.
- Created dynamic Power Automate solutions using advanced expressions and JSON logic, reducing manual effort across director-level hiring and approval processes.
- Lead development of Power App-backed internal ticketing system, saving manual effort by over 66%.
- Streamlined ALM processes by leveraging PowerShell and Azure DevOps to automate deployments and ensure version control best practices.

Communications Research Centre Canada

Sept 2021 - Dec 2022

Software Developer Co-op Student:

- Developed a Python-based web crawler using Beautiful Soup 4 to automate the extraction of antenna beamwidth data, improving accuracy for RF research projects
- Built and deployed AWS cloud services using the Cloud Development Kit (CDK) to support the team's disaster recovery plan
- Automated data processing workflows by integrating Excel and SQL via Python scripts and AWS Lambda, significantly reducing manual effort
- Migrated a legacy Microsoft Access database and VBA routines to a modern AWS EC2 environment, improving maintainability and reliability

Skills:

Programming: Python, Java, SQL, PowerFX, PowerShell, C, C#, VBA, JavaScript, HTML

Technologies: Azure, Power Platform, Azure DevOps, AWS, MS Access, M365, Unity

Certifications: AZ-900, PL-900, PL-7001, PL-7002

Languages: English (fluent) and French (immersion)

Power Platform Projects:

Inventory Tracker

- Developed a Canvas App for UNB's CELLAB to streamline inventory management for lab equipment.

Business Expense Inputter

- Developed a PowerApps Canvas App with Power Automate integration to capture and record client business expenses directly into an Excel spreadsheet stored in OneDrive.

Education:

University of New Brunswick, Bachelor's of Computer Science

Jan 2021 - Present

GPA: 3.9 | Dean's List | USPORTS Academic All-Canadian

Leadership & Athletics:

National Team Athlete – Athletics Canada

July 2025

- Representing Team Canada at the 2025 World University Games in the 5000m.

Varsity Athlete, Team Captain – UNB REDS Cross Country & Track

Jan 2021 - Present

- Dedicated 30+ hours per week towards training alongside professional and academic commitments.
- Captained the cross country team to back-to-back AUS Cross Country Championships, alongside top 6 finishes at the USPORTS Cross Country Championships.