

# Carlyle Britto

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## WORK EXPERIENCE

### Sun Life Financial

2021 – Present  
Canada

#### Software Engineer - Cloud & DevOps

Python, Jenkins, CI/CD, Terraform, Ansible, YAML, AWS, Docker, Kubernetes, Splunk, Jira, Miro, Linux, Confluence, Trello

- Developed Packer Jenkins Templating Engine (JTE) Libraries and pipelines to create custom AMIs as well as implement monitoring solutions to track AMI creation process and troubleshoot build issues promptly
- Designed and implemented scalable blue/green deployment strategy for the Ansible Automation Platform (AAP) using Jenkins pipelines. Leveraged custom-built Terraform and Ansible libraries to automate the deployment, configuration, and full decommissioning of servers. This optimized resource management, enhanced consistency across environments, and reduced manual intervention, resulting in more efficient and reliable infrastructure operations
- Facilitated cross-team workshops with managers to successfully oversee the migration from Ansible Tower to AAP. Using a combination of JIRA for task tracking and Confluence for documentation, effective communication was key in keeping stakeholders engaged with weekly status meetings ensuring migration was completed within scope
- Implemented GitOps (VCS) workflows for Terraform Cloud for Business (TFCB), utilizing the Terraform provider and data sources to streamline infrastructure as code (IaC) management. This approach ensured consistent and automated deployment processes, improved collaboration through version-controlled configurations, and enhanced system reliability and security by maintaining infrastructure state in a central repository
- Engaged in various DevOps tool upgrades using Docker and Kubernetes to deploy and ensure efficient resource utilization and scalability
- Participated in a 24x7 on-call schedule to support organization tooling. Responded promptly to incidents, diagnosing and resolving issues to ensure system reliability and availability

### IMAX

2019 - 2019  
Canada

#### IT Business Analyst

PowerBI, MS Office (Visio), Panaya

- Engaged with stakeholders to define business requirements for SAP Concur travel, expense, and invoice management
- Created User Acceptance Tests based on the company's current operations, streamlining the development and delivery process
- Developed the PMO charter & strategy, establishing the purpose, scope, governance structure, and strategic plan

### TMX Group

2018- 2018  
Canada

#### Analyst

Salesforce, Excel, VBA

### Tsubaiso

2017 - 2018  
Japan

#### Full Stack Developer

CSS, HTML, JavaScript, jQuery, Ruby, SQL, Trigger Framework

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## EDUCATION

### Wilfrid Laurier University

Canada

#### Honours Economics – Finance & Statistics Specialization

Research: "Using US Treasury Yield Curve to Time the Stock Market" & "Automation Impact on the Manufacturing Industry Labour Force"

**Certifications:** Product-led Certification, Product Management Basics, AWS Cloud Practitioner, ITIL 4 Foundation Level, Machine Learning - Coursera

**Communities:** Toronto Product Management Association (TPMA) Member

**Extracurricular Experience:** Wilfrid Laurier eSports Club - VP, WLU GoldenHack, HackXplore 2021: Intro to ML - Job Openings Prediction post COVID-19

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## INTERESTS

**Interests:** Travelling, Soccer, Rock Climbing, Cycling, Console and PC Gaming, Fishing, Personal Investing, AI,