

## JESSICA CARVALHO

jessicacarvalho.rosendo@gmail.com | [linkedin.com/in/carvalhosilva-jessica](https://www.linkedin.com/in/carvalhosilva-jessica)

### SUMMARY OF SKILLS

- **Programming Languages:** C#, Python, Java, JavaScript
  - **Frameworks & Technologies:** .NET Framework, React, Superset, BigQuery, Grafana
  - **Fundamentals:** HTML, DOM, CSS
  - **Version Control:** Git, GitLab
  - **Cloud & Databases:** Google Cloud Platform, Azure, MySQL, PostgreSQL
  - **Methodologies:** Agile methodologies, Unit Testing, CI/CD
- 

### PROFESSIONAL EXPERIENCE

#### Software Developer Co-op

*Geotab, Oakville* | Jan 2025 – Present

- Developed dynamic dashboard solutions using **Superset**, querying data from large datasets in **BigQuery** to enhance data visualization and performance monitoring.
- Implemented **CI/CD pipeline** by creating and enhancing a YAML configuration file to trigger on merge request events, including build and test stages.
- Created and refactored **C#** applications within the **.NET Framework**, including integrating **unit tests** to ensure code robustness and maintainability.
- Led a project to replace hard-coded values with dynamic configurations, collaborating with cross-functional teams to design and implement scalable solutions.
- Utilized **Git and GitLab** for version control and code review, resulting in fewer integration conflicts and improved code quality.
- Optimized **debugging** by resolving **Git Blame** issues, improving version traceability and enhancing team collaboration across development cycles.
- Resolved **Terraform** destroy failures by identifying authentication issues in isolated script execution contexts and implementing persistent **Google Cloud** authentication at the CI/CD stage level, enabling consistent automated de-provisioning, preventing cloud resource leaks, and eliminating manual cleanup tasks.

#### Financial Team Leader

*Neon Payments SA, Brazil* | Apr 2020 – Oct 2023

- Automated financial processes using **SQL** and **Python**, achieving a 50% reduction in execution time.
- Developed a financial monitoring system using **Grafana**, enhancing transaction oversight and data accuracy.
- Directed cross-functional projects, including the integration of **PIX** and investment products, collaborating with IT and accounting teams.
- Established a new financial back-office area, implementing robust internal controls to minimize risks and discrepancies.

- Led a successful reconciliation project, recovering **9.3 million BRL** through detailed data analysis and reporting.

### Financial Analyst

*Guide Investments SA, Brazil* | Dec 2017 – Mar 2020

- Conducted comprehensive financial analysis, identifying key insights to support strategic investment decisions.
- Implemented internal controls to optimize reconciliation processes, reducing errors and improving reporting accuracy.
- Automated repetitive tasks with **Python**, streamlining data collection and analysis.
- Collaborated with multiple departments to resolve discrepancies and optimize financial reporting processes.

### Internship

*National Bank of Economic and Social Development (BNDES), Brazil* | Mar 2016 – Dec 2017

- Enhanced the company intranet by updating content and designing user-friendly presentations, improving internal communication.
- Conducted data-driven research and presented clear, insightful reports to support economic and social development initiatives.

---

## EDUCATION

### Diploma in Computer Programming

*Georgian College at ILAC, Canada* | Expected Aug 2025

### Bachelor of Economics

*Federal Rural University of Rio de Janeiro, Brazil* | Dec 2018

### Diploma in Computer Programming

*National Industrial Apprenticeship Service, Brazil* | Mar 2014

---

## PROJECTS & CERTIFICATIONS

- **Project Management Course (PM3)** - Nov 2022
- **Dynamic Data Analyzer (Geotab)**: Developed a solution to replace static hard-coded values with dynamic configurations, increasing scalability and maintainability.
- **Automated Financial Reporting (Neon Payments)**: Built automation scripts using **Python** and **SQL** to streamline financial reconciliation and reporting processes.
- **Data Visualization Dashboard (Geotab)**: Designed dashboards using **Superset** and **BigQuery** to provide actionable insights from large datasets.
- **Full Stack Project (Personal Finance App)**: Co-developed a full-stack personal finance application using React, TypeScript, and PostgreSQL, with features for tracking expenses, managing savings goals, creating budgets, and recording purchases to make it simple and easy to control the finances.