

# Luisa Pegoraro

## Software Engineer

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### SUMMARY

- Product focused software engineer proficient in back-end and cloud-based technologies
- Passionate team builder with excellent communication skills

### SKILLS

#### Programming Languages and Frameworks

Python, Flask, React, JavaScript, HTML5, CSS3, Node, Express, C#, .Net, Angular, Vue

#### General Programming and Protocols

Google Cloud Platform GCP, Amazon Web Services AWS, GraphQL, Docker, Kubernetes, Redis, Postgres, SQLAlchemy, Alembic, SQL, Oracle and MS SQL Server, Git, CircleCI, Agile, HTTP REST

### PROFESSIONAL EXPERIENCE

#### Software Engineer - Platform Team

Rho Business Banking | July 2021 - Feb 2024

- Freed internal operations team from manually issuing and reconciling repayments for 2 full days/month by implementing back-end functionality to support third party credit card repayments.
- Integrated international payments provider by developing backend support and revamped frontend with dynamic and flexible form.
- Implemented first version of OCR integration for automatically scanning bank cheques, winning first-ever internal hackathon.
- Worked closely with multiple stakeholders to promptly tackle issues during on-call rotations.
- Developed sign-up flow to integrate banking platform with accounting providers.
- Assisted and mentored junior front-end engineers.

#### Software Engineer

Quicken Loans | Detroit, MI | Oct 2019 - June 2021

- Developed multiple flexible API endpoints to enable cross-service communication for new micro-services to replace a legacy application.
- Integrated notification and queueing services AWS SNS and AWS SQS to construct, send and handle messages in internal microservices architecture.
- Set up new infrastructure for AWS SQS and AWS Lambda services via Terraforms.
- Improved user experience in internal portal via UI enhancements such as adding icons to distinguish stakeholder types.
- Proactively drove cross-team collaboration between technical and business to ensure end-to-end project delivery by gathering requirements, detailing data flow and presenting regular updates.

## **Self-Learning**

- Self-taught in fundamental concepts of Data Structures and Algorithms.
- Created dynamic and responsive projects in JavaScript, React, Node and Vue.

## **Business Systems Analyst and Consultant**

TD Bank, Canadian Tire, MPAC via Adastra Corporation | Toronto, ON | Nov 2014 – Sept 2016

- Worked with multiple clients to facilitate ETL processes by gathering business requirements and assisting data migration to consolidated data repositories.
- Conducted extensive data analysis by developing SQL queries linking multiple data sources.
- Facilitated communication between business and technical stakeholders through daily scrum meetings.
- Derived predictive property valuation models using supervised Machine Learning techniques.
- Pre-processed data for creation of dashboards in Tableau.

## **Product Management Analyst**

Bombardier Transportation | Kingston, ON | Sept 2013 – Dec 2013

- Conducted cross-functional team interviews to gather data for the scientific improvements and experimental development program.
- Applied Six Sigma tools and optimization techniques to the data collection process resulting in a streamlined tax claim procedure.

## **Solutions Analyst**

UPS Supply Chain Solutions | Burlington, ON | May 2013 – Aug 2013

- Analyzed large domestic and global merchandise datasets to estimate the physical volume required for storage.

## **EDUCATION**

**University of Waterloo**

**Master of Management Sciences, 2014**

Co-op Option

**University of Waterloo**

**Bachelor of Science, Honors Physics, 2011**

Astrophysics Specialization