Aditi Lohtia

B.A.Sc Computer Engineering | University of Waterloo

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EXPERIENCE

Data Engineer I   **June 2023 - Present**
TD Bank
- Leading the IFRS project migration from on-prem to Microsoft Azure, optimizing 20+ scripts for Azure compliance, resulting in 30% processing efficiency increase
- Developing and refining 60+ SQL scripts for 4 prototypes to guarantee precise acquisition of insurance data, supporting in-depth business analysis
- Leveraging Databricks and Azure Data Factory to analyze data, execute complex scripts, and manage data pipelines, ensuring efficient data processing and seamless integration across the analytics workflow
- Partnering with product owner, business analysts, and other data engineers to communicate project requirements, changes, and updates to guarantee alignment across 3 other pods

Agile Delivery Lead (ADL)   **Sept - Dec 2022**
Capital One
- Facilitated scrum activities for 2 development teams, including daily standups, retrospectives, and sprint planning, ensuring 90% adherence to project timelines
- Leveraged data analysis using Tableau and Jira to identify optimization opportunities, enabling teams to consolidate processes and accelerate project delivery times by 20%
- Collaborated with fellow ADLs to accurately identify and map business epics in Jira Align for enhanced project tracking and data management

IT Architect   **Jan - July 2022**
Intact Financial Corporation
- Managed a solution with a cross-functional team in the UK, US, and Canada, and guided stakeholder communication using Jira and Confluence
- Defined the architectural blueprint and leading solutioning for an Identity and Access Management project, impacting 20,000+ employees across IFC
- Took ownership in creating a Sharepoint form to streamline data collection and tracking of Business Actors in iServer, increasing creation efficiency by over 50%
- Served as the Scrum Master for a team of 6, facilitating daily standups and driving continuous improvement initiatives to optimize data analysis processes and project outcomes

Software Developer   **May - Aug 2021**
Bell Canada
- Supported the Multimedia Message Service team to modernize and scale the current MMS system, addressing traffic surges for a user base exceeding 10 million in Canada.
- Enhanced various system components, incorporating advanced validation, filtering, and message creation services in compliance with the latest standards, resulting in a 30% reduction in data processing time
- Facilitated sprints, retrospectives, and daily team standups for a team of 15
- Gained proficiency in Java, Kubernetes, Docker, GCP, Prometheus, Grafana, Miro

SKILLS

Programming Languages:
C++, C, Java, HTML, Python CSS, Scheme (Racket)

Tools and Technologies:
Docker, Unix/Linux, Git, Jira, Confluence, GitHub, Bitbucket Android Studio, VS Code

Data:
Tableau, ADF, Databricks, SQL, Hadoop, Apache Hive, Microsoft Azure

EDUCATION

B.A.Sc, **Computer Engineering**
(Option in Management Sciences)
University of Waterloo
Ontario, Canada
2018 - 2023

Relevant Coursework:
- Database Systems
- Introduction to Machine Learning
- Computer Security
- Algorithms & Data Structures
- Software Design & Architectures
- Computer Networks

INTERESTS

- Tennis
- Boxing
- Volunteering
- Investing
- Travelling