

## Contact

+1-7059777888 (Mobile)  
rsmitawa@gmail.com

[www.linkedin.com/in/ramesh-mitawa](https://www.linkedin.com/in/ramesh-mitawa) (LinkedIn)

## Top Skills

Machine Learning  
Statistical Data Analysis  
Natural Language Processing (NLP)

## Languages

Hindi (Native or Bilingual)  
English (Full Professional)

# Ramesh Mitawa

Data Scientist | Master's in Big Data Analytics | NLP | Ex-Beauceron, Ex-Evive

Toronto, Ontario, Canada

## Summary

With a master's degree in Data Science from Trent University and over 3 years of professional experience, I am a data scientist specializing in leveraging data analytics, machine learning, and model building to tackle challenges in cybersecurity and healthcare.

As a Data Scientist at Beauceron Security, I led an end-to-end machine learning project for classifying malicious content in emails and texts, achieving a 35% performance boost over existing solutions. I played a key role in the Go-To-Market team, enhancing our risk score algorithm and contributing to doubling our customer base.

Previously, as a Quality Assurance Developer at Evive Software Analytics, I bridged the QA and Data Science teams to drive impactful projects for Fortune 100 clients.

My technical skills include Python, R, AWS, Azure, SQL, and a wide range of data science tools and technologies. I am dedicated to producing accurate and meaningful insights to drive informed business decisions and am always eager to learn new skills and technologies.

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## Experience

### Beauceron Security

#### Data Scientist

June 2022 - November 2023 (1 year 6 months)

Fredericton, New Brunswick, Canada

During my tenure at Beauceron as a Data Scientist, I undertook a diverse array of responsibilities focused on leveraging data-driven insights:

- Optimized platform algorithms, elevating operational efficiency through meticulous data analysis and the implementation of industry best practices.

- Spearheaded the development of an end-to-end machine learning project aimed at classifying malicious content within emails and texts, surpassing existing open-source solutions with significant advancements.
- Conducted strategic analysis of phishing metrics, facilitating the formulation and implementation of proactive cybersecurity strategies to mitigate emerging threats effectively.

Evive | goevive.com

2 years 2 months

QA Developer - Data Science Team

May 2018 - June 2019 (1 year 2 months)

Bengaluru Area, India

At Evive as a QA Developer for the data science team, I spearheaded critical projects:

- Analyzed health insurance data for Fortune 100 clients, including UnitedHealth Group, Cigna, Anthem, and others, to derive actionable insights.
- Evaluated the effectiveness of machine learning model outputs in scenarios involving six surgeries and second opinions, highlighting the model's performance and efficacy.
- Developed personalized action cards for health-related campaign recommendations and 401k plans, enhancing engagement strategies and fostering targeted communication with users.

QA Developer Intern

May 2017 - April 2018 (1 year)

Bangalore, India

At Evive, as a QA Developer Intern, I actively contributed to transformative initiatives in software testing and automation, gaining valuable insights and skills:

- Engaged in hands-on learning of diverse software testing processes, including Functionality, Integration, and Cross-Browser testing.

- Played an integral role in the implementation of automated testing tools and script development, enhancing efficiency and deepening my understanding of QA processes.

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## Education

### Trent University

Master of Science - MS, Data Science · (January 2021 - May 2022)

### Chitkara University

Engineer's Degree, Computer Science And Engineering · (August 2014 - July 2018)