

## SAJAN NATH YOGI

10 Malta Avenue, Barmpton, • ON 437 430 0348 • [sazanyogi@gmail.com](mailto:sazanyogi@gmail.com)  
<https://www.linkedin.com/in/sazan-yogi>



### OBJECTIVE

Experienced Data Analyst and tech enthusiast with over 3 years of experience in Quality Assurance Automation, Data Analysis, and Machine Learning. Skilled in automating testing processes, building interactive dashboards, and implementing machine learning models to drive business outcomes. Adept in working with cloud platforms, big data technologies, and modern software development frameworks. Recently completed a Post Graduate Degree in Big Data Analytics, with a focus on data-driven solutions to business challenges. Seeking opportunities to leverage my skills in a dynamic, growth-oriented role.

### EDUCATION

Lambton College  
**Big Data Analytics**

May 2023 - Present  
Mississauga, Ontario, Canada

- Relevant Coursework: Data Mining, Machine Learning, Data Visualization, Statistical Analysis.

New Horizon College of Engineering  
**Information Science and Engineering**

August 2016 - September 2020  
Bangalore, India

- Relevant Coursework: Object Oriented Programming in Java, Data Analytics, Cloud Computing, Operating Systems.

### SKILLS

Python, JavaScript, SQL, Microservices Architecture, RESTful APIs, PostgreSQL, MongoDB, MySQL, AWS (S3, Redshift, EC2, Glue), Google Cloud, Bitcoin, NFTs, Apache Spark, Hadoop, Hive, Selenium, API Testing, GitHub, Collaboration, Adaptability, Communication, Time Management, Critical Thinking, Leadership.

### EXPERIENCE

**Varietec Private Limited, Nepal**  
*Junior Data Analyst*

October 2021 - March 2023

- Conducted comprehensive data analysis on large datasets leveraging Microsoft Excel software to track and examine data.
- Designed and built over 50 statistical analysis models on large data sets operating Jupyter.
- Boosted Publicity by 12% through targeted data-driven strategies.
- Envisioned data to identify key metrics and draw conclusions, leading to actionable insights for business improvement impacting over 20% growth.
- Proposed solutions to improve system efficiencies, resulting in a 10% reduction in operating costs.

**CoveredPress, USA(Remote)**  
*Quality Assurance Automation Engineer*

Feb 2020 - Oct 2020

- Developed automated test scripts using Selenium WebDriver, improving test coverage by 40%.
- Conducted performance testing with LoadRunner and JMeter, enhancing application performance.
- Implemented CI/CD pipelines in Jenkins, reducing deployment time by 30%.
- Collaborated with cross-functional teams in an Agile environment to meet project deadlines.

**Learn Nepal Limited, Kathmandu, Nepal**  
*WordPress Developer*

Jan 2020 - Oct 2021

- Established websites using WordPress for more than 50,000 users.
- Acted as company expert in creating PPC and Google AdWords campaigns to be integrated with new website builds.
- Managed a user guide to help clients understand site features and management of website, boosting visitor satisfaction by 50%.

## PROJECTS

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### Scrum Club, Bangalore, India

March 2019 - March 2019

#### *Predictive Analytics Project*

- Devise over 10 predictive model to forecast sales, customer churn, or stock prices based on historical data.
- Aimed machine learning algorithms such as linear regression, decision trees, or neural networks to build model for 1 project.

### IT Club NHCE, Bangalore, India

February 2018 - February 2018

#### *Sentiment Analysis Project*

- Studied social media or customer reviews over million to understand sentiment towards a product, service, or brand.
- Structured natural language processing (NLP) techniques covered almost all projects to preprocess text data, extract features, and classify sentiment of 1 project.

## CERTIFICATIONS

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- Google Data Analytics Professional Certificate: This certificate program covers foundational data analytics skills using Google Analytics and other tools.
  - IBM Data Science Professional Certificate: Offered by IBM on Coursera, this certificate program covers data science concepts, tools, and techniques.

## VOLUNTEER WORK

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### Programmer Box, Bangalore, India

October 2019 - October 2019

#### *Data Analysis Volunteer*

- Executed three data analyses to identify trends and patterns in donor contributions and fundraising efforts, ensuring data accuracy and integrity through meticulous cleaning, processing, and validation.
- Developed two reports and five dashboards to present data insights for stakeholders and decision-makers, contributing to a 100% success rate in project outcomes.

### TedX Hackathon, Bangalore, India

April 2019 - April 2019

#### *Volunteer*

- Collaborated with a team to develop an innovative data visualization dashboard using Python and Tableau within a 48-hour timeframe.
- Conducted data wrangling and analysis to ensure high-quality inputs, and presented a working prototype to a panel of judges, receiving recognition for outstanding innovation.