# Sayantika Saha

Downtown, Kamloops, British Columbia

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## SUMMARY:

Experienced in operational and business analysis with a background in software engineering, and currently studying Applied Data Science. Proven in driving supply chain improvements through data-driven strategies. Certified in Google Data Analytics and IBM Data Science. Committed to student wellness and continuous learning.

## SKILLS:

- **Programming Languages**: Python, R
- **Data Visualization**: Excel, Power BI, Tableau
- **Web Programming**: HTML, PHP, CSS, BOOTSTRAP, JavaScript, Ajax, Laravel Framework
- **DBMS**: Oracle, MySQL
- **IDE**: Anaconda, Microsoft Visual Studio
- **Operating System**: Windows
- **Version Control**: GitHub, Docker
- ⓖ https://github.com/Sayantika96

## WORK EXPERIENCE:

### Operation Analyst, Well Food & Beverage Company Ltd.

*Dhaka, Bangladesh*      *November, 2022 – July,2023*

1. Gathered comprehensive supply chain data from various sources, including procurement, manufacturing, and distribution channels.
2. Identified and recommended strategic improvements resulting in a notable 5% increase in overall supply chain performance.

### Business Analysis Intern, BRAC IT Services

*Dhaka, Bangladesh*      *June, 2022 – September, 2022*

1. Collaboratively designed and delivered user stories, optimizing and automating the pay system for clients, enhancing efficiency and accuracy.
2. Applied quantitative analysis and data visualization to minimize employee hiring time, resulting in a streamlined hiring process and improved operational efficiency.
3. Collaborated in a cross-functional team to meet data demands, applying quantitative methods to analyze data and contribute to enhanced decision-making processes.

**Software Engineer, SUN CO, LTD, Japan**

*Dhaka, Bangladesh*                                         *May, 2020 – February, 2022*

1. Developed a music school web system with secure payment options, streamlining enrollment and enhancing user experience.
2. Improved a Japanese language-learning app, allowing users to customize pricing and class duration for simplified and efficient deal-finding.
3. Communicated and documented effectively in both Japanese and English, contributing to successful project outcomes and client satisfaction.

**\*\*[completed Software engineering training under Kaicom Solutions Japan BD CO. LTD, which is a partner consultancy of SUN CO, LTD, from January, 2020 – March, 2020].]**

**Teletalk Bangladesh Limited [Industrial Trainee]**

*Dhaka, Bangladesh*                                         *March, 2019 – May, 2019*

1. Handling the IT policies in the Department of IT & Billing.

**American International University Bangladesh [Lab Assistant]**

*Dhaka, Bangladesh*                                         *October, 2018 – December, 2018*

1. Assist the course teacher and provide services to the students inside Computer Networks laboratory class and additional duties assigned by the supervisor.

## EDUCATION:

**Thompson Rivers University**
*Kamloops, British Columbia, Canada*                        *September, 2023 – Present*
Post-baccalaureate Diploma in Applied Data Science

**American International University -Bangladesh**
*Dhaka, Bangladesh*                                         *June, 2015 – December, 2018*
Graduated in Computer Science and Engineering

## CERTIFICATIONS: *(All the certificates can be found here)*

- Deep Learning AI Supervised Machine Learning
- Google Data Analytics Professional Certificate
- IBM Data Science Professional Certificate
- Japanese Language Proficiency Test (Level N3)

## PROJECTS: *(All the projects can be found here)*

- Enhancing Mental Health Surveillance
- FineTune-Phi-2-LLM-using-PEFT-QLora
- New York Air Bnb Data Analysis

- Analyzing Migration Trends in Canada
- Sales Data Analysis

## PUBLICATION:

- Sayantika, S. Shivani, T., Dhruv, A., et al. (2024). Investigating the Transformative Impact of Generative AI on Academic Integrity Across Diverse Educational Domains. In *2nd International Conference on Advancement in Computation & Computer Technologies - IEEE*

## LANGUAGES:

1. Bengali (Native)
2. English (Fluent)
3. Hindi (Fluent)
4. Japanese (Level: N3)
5. French (Level: A2)

## EXTRA-CURRICULAR:

1. **Social Media Coordinator** at **TRUSU *Data Science Club***
2. **Volunteer** at **TRUSU French Club**

## REFERENCES:

| | |
|---|---|
| Dr. Ajay Dhruv | Jeffery Hawker |
| Assistant Teaching Professor | Team Leader |
| Faculty of Science | Global Division |
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