

Vibhu Sharma

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Professional Summary

Driven Data Science student passionate about transforming ideas into scalable solutions. Skilled in combining business strategy with hands-on technical expertise to design, validate, and launch digital platforms. Experienced in leading teams, building products, and navigating challenges with creativity and resilience

Skills & Tools

- **Languages & Libraries:** Python, R, SQL, NumPy, Pandas, Scikit-learn, Matplotlib
 - **Data & BI:** Power BI, Tableau, Microsoft Excel, ETL Processes
 - **AI/ML & Analytics:** Predictive Modelling, Time-Series Forecasting, Recommendation Engines
 - **Project Tools:** Flutter, React, Firebase, Git, Flask, Fast-F1 Library, REST APIs, Excel, Power point(for building reports)
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Education

Memorial University of Newfoundland

Bachelor's in Data Science and minor in BBA (*Expected:2026*)

Senior Secondary High School

Ryan International School, Chandigarh, India (*2018 – 2021*)

Experience

Founding member of Genralis (Ai club in Memorial University of Newfoundland)| May 2025

- Founded and led an interdisciplinary AI group focused on real-world problem-solving using machine learning, NLP, and automation tools
- Organized technical workshops and collaborative projects including an AI-integrated productivity dashboard and time-series forecasting models
- Mentored peers on Python, R, and AI fundamentals while fostering a culture of innovation and open-source contribution

- Coordinated with faculty and external collaborators to expand project opportunities in areas like sustainability and healthcare also worked on development of club web site(Genralis.com).

Founder & CEO | Vibspectre (E-Commerce Business) | May 2019 – April 2022

- Deployed data-driven marketing strategies to boost customer engagement by 30% and achieve 15,000+ weekly clicks.
- Developed automated analytics tools for real-time performance tracking and data extraction.
- Built scalable solutions to optimize product offerings and increase profitability.

Crew Member | McDonald's, St. John's, NL | August 2022 – Present

- Optimized inventory stocking to reduce downtime and improve service efficiency.
- Ensured high-quality standards, contributing to an increase in customer satisfaction ratings.

Housekeeping supervisor| Hampton Inn by Hilton, St. John's, NL | February 2023 – Present

- Supervisor experience on meeting expectations of exceptional performance and leadership.
- Lead and coordinate a team of staff members during peak seasons, improving cleanliness scores from 85% to 98%.
- Trained new employees on hotel standards, time management, and safety protocols.

Relevant Projects

Fast-F1 Analytics Tool

- Built a Python-based application to analyse and visualize Formula 1 performance data.
- Delivered insights on driver performance in wet conditions and developed ML-based prediction tools.

Heart Disease Prediction Model

- Achieved 85% accuracy using logistic regression and classification models.
- Developed a Flask-based interface for real-time user input and diagnosis.

Temperature Forecasting Using Time-Series Analysis

- Built regression models incorporating humidity and pressure for temperature predictions.

Movie Recommendation System

- Developed a content-based recommendation engine using TF-IDF and cosine similarity.
- Worked with jupyter notepad and with database of 4000+ movies

Genralis.com

- Worked on website development using react, Cloudflare and hosted on GitHub.
- Working on development on newsletter and general UI

Service Snap (In Progress)

- Building an online marketplace for local businesses to list and promote their services.
 - Working with flutter and react in manner to handle app and website functionality (Service-snap.org) .
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Certifications & Courses

- **Data Analysis Using Python** – IBM (*October 2024*)
 - **Artificial Intelligence Fundamentals** – IBM (*October 2024*)
 - **Python for Data Science** -IBM(March2025)
 - **Power Bi** -Microsoft(March 2025)
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Leadership & Extracurricular Activities

- **Founder** | Genralis(AI Club), Memorial University (Ongoing)
- **Volunteer**| Munsu Fall welcome fair, NL(2025)
- **Volunteer** | Rainbow Riders Therapy Center, NL (2025)
- **Volunteer** | National Service Scheme, India (2020 – 2021)
- **Hackathon Participant** | Engaged in AI, supply chain, and data science hackathons and case competitions