Gaurav Dutt

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OBJECTIVE

Professional with more than 5 years of experience as a Data Analyst and Data scientist along with a Post baccalaureate Diploma in Artificial Intelligence. I bring a solid foundation in transforming raw data into actionable insights for strategic decision-making with the use of machine learning, data modeling and automation

PROFESSIONAL EXPERIENCE

Self Employed

B3S Interiors Pvt. Ltd. **March 2022 – June 2023**

- Made various furniture designs like bed designs, kitchen layout designs etc. using AutoCAD
- Supervised procurement of materials and negotiated with suppliers to reduce costs and ensure timely availability of resources.
- Designed customized solutions based on client requirements and space constraints, improving customer satisfaction and referral rates.
- Oversaw on-site teams and ensured adherence to quality standards, safety compliance, and project deadlines

Data Scientist

Neurosensum **March 2019- December 2021**

- Developed and enhanced the company's flagship product "Surveysensum".
- Innovated a low resource classifier for survey response text which gives deep insights into top customer complaints within minutes with >70% F1 score. Impact: Most used feature of "Surveysensum".
- Predicted customer churn using multi-layer perceptron with 85% test accuracy for a client providing coworking office spaces. Impact : Saved revenue of around INR 3 million from churning out.

Data Analyst

Finescribe Business Solutions Pvt. Ltd. **October 2015- February 2019**

- Enhanced and provided support to the FBS's product – "Parchuni".
- Performed data analysis on customer spending patterns to extract behavioral insights for intelligent segmentation and strategic customer planning.
- Worked as a data processing and visualization tool consultant for their product.
- Collaborated with cross-functional teams to define data requirements and deliver actionable insights that improved operational performance and customer satisfaction.
- Worked closely with founders and developers to align data insights with product goals, translating raw data into actionable recommendations that influenced core business decisions.

SKILLS

Python (Pandas, data cleaning, reporting automation, CSV/Excel integration), Artificial Intelligence, Machine learning, Data analysis, SQL, Deep Learning, Microsoft Power BI, Natural leadership skills for business-oriented research.

EDUCATION

Post Baccalaureate Diploma in Artificial Intelligence
St. Francis Xavier University, Antigonish, Nova Scotia, Canada • May 2025 • First Division

Bachelor of Technology – Electronics and Communication Engineering
Guru Govind Singh Indraprastha University, New Delhi, India • 2015 • First Division

CERTIFICATIONS

Azure AI fundamentals(AI-900), Supervised machine learning, Diploma in AutoCad

PROJECTS

- Financial solution webpage application.
  Developed a full-stack banking web app with transaction history, secure login, and balance tracking using HTML, CSS, JavaScript (frontend) and Node.js with Express and MongoDB (backend). Implemented user authentication, persistent storage, and dynamic dashboard rendering.

- Social media application using SQL.
  Designed and implemented relational database schema for a simulated social media platform. Wrote optimized SQL queries for user management, posts, likes, and friend relationships. Used normalization and indexing for performance improvement.

- National poll on healthy Aging (NPHA).
  Processed and analyzed NPHA survey data using pandas and scikit-learn. Focused on predicting the number of doctor visits using regression models. Applied filtering, feature selection, and data normalization techniques to improve model performance.

- Chest x-ray images (Pneumonia) with an accuracy of 97.7%.
  Converted chest X-ray images into high-dimensional embeddings using a pre-trained SiGLIP model, then applied traditional machine learning algorithms (e.g., Random Forest, lgbm, lr, knn and sgd) on the embeddings to classify pneumonia. Achieved 97.7% accuracy using this process.