

Sumedh Nakod

sumedhnakodx@gmail.com | +44-7768042825 | United Kingdom | <https://github.com/SumedhNakod>

Data Science postgraduate with a Computer Science background (91.25% in last year) and 6 months of broad-based experience in building data-centric solutions, visualizations, and handling big data. Proficient in visualizations and providing data insights including Python, R, and SQL. Possess good communication skills to convey key details or innovative ideas to a diverse audience of varying technical expertise.

EDUCATION

University of Exeter, United Kingdom.

2022 – 2023

MSc in Data Science and Statistics (ongoing).

Ongoing modules: Working with data, Introduction to Data Science & Statistical modeling.

Mukesh Patel School of Technology Management & Engineering, India.

2016 – 2020

Candidate for Bachelor of Technology in Computer Engineering with 74.25% overall and 91.25% in the last two semesters.

Relevant Courses: Data Structures, Database Management Systems, Artificial Intelligence, Numerical Methods, Predictive Modelling, Design and Analysis of Algorithms, Software Engineering, etc.

PROFESSIONAL EXPERIENCE

Blackcoffer (Data Science Intern) - Delhi

Nov 2021 – Apr 2022

Blackcoffer is an enterprise software and analytics consulting firm based in India and European Union (Malta). It is a Data-driven technology and decision science firm focused exclusively on Big Data & Analytics (Intern for 7 months)

- Drive the interaction between the managers and worldwide clients identifying as well as defining analytical needs and providing them with a sustainable solution.
- Researched, identified, and appraised emerging technologies and algorithms to provide strategic recommendations and continuous improvements (ML, Web Scraping, GCP), done for an individual needing daily continuous extraction of cryptocurrency data from a website and storing the same in GCP.
- Demonstrated business knowledge and insightful information using PowerBi and Tableau for powerful advanced visualization for a Nigerian government-based project, along with EDA and data engineering using Python, MongoDB, SQL and Airtables (Python Integration) for a South Africa-based company.
- Improving accuracy and running previously made machine learning projects as desired according to the needs of the client.
- Successfully led 3 whole projects throughout its life cycle.

XLNC Technologies (Business Analytics Intern) - Mumbai

May 2019 – June 2019

XLNC Technologies is an emerging firm providing specialized services pertaining to Robotic Process Automation (Automation Anywhere), Machine Learning, and Artificial intelligence.

- Conducted meetings with key businesses to collect information about business processes and user requirements. Daily tasks included making meta documents, giving insights, and working with developers.
- Completed Robotic Process Automation (RPA) training with certification in Automation Anywhere.

ACADEMIC PROJECTS

Comment Toxicity Classifier with Gradio App

- The model accurately categorizes comments into toxicity levels. I performed data preprocessing, including tokenization and sequence padding.
- The LSTM model was trained on a labeled dataset of comments. I evaluated the model's performance and optimized parameters.
- I created a Gradio app in Python for real-time toxicity predictions.

IT Spend Analysis , PowerBI Project.

- The IT spend analysis PowerBI dashboard project for the years 2001-2012 utilized interactive visualizations, drill-down functionality, dynamic filters, data consolidation, advanced calculations, conditional formatting, cross-filtering & export functionality.
- The dashboard provided an overview of the total IT spending for each year, as well as a breakdown of expenditures across different categories, such as hardware, software, infrastructure, services, and personnel.

Image caption generator using Neural Network

- Made use of LSTM and CNN model along with Xception Model to extract features from an image to predict the caption of an image. Used Computer vision and natural language processing concepts to recognize the context of an image and describe them in a natural language like English.
- Implemented and studied python libraries such as TensorFlow, Keras, NumPy, etc. Made use of the flicker dataset

available online for images.

Twitter Sentiment Analysis for stock price analysis (Final year Project)

- Analyzed the impact of news sentiments on stock prices using Twitter tweets. Successfully implemented sentimental analysis on news data.
- Used beautiful soup to extract tweets using Twitter API and applied sentiment analysis using NLP and came up with a formula to show the amount of change news causes on the stock prices.

Uber Data Visualization in R

- Storytelling is the main concept of machine learning. Made meaningful data visualizations of the uber pickups dataset using ggplot and R language.
- Calculated many insights and visualized them using different charts to make reading the insights easy.

SOFTWARE SKILLS

- Programming Languages: Python,R, C++, Java.
- Web Technologies: HTML, CSS, JavaScript, PHP, Bootstrap, MERN stack.
- Tools: Android Studio, VS Code, PowerBI, Excel | Databases: MySQL, MongoDB, Postgres.
- Collaborative tools: Asana, Loom, Clockify, Notion.

EXTRA CURRICULAR ACTIVITIES

- Participated in Fund Raising for children catered by Muskurahat Foundation.
- Represented India in Karate in Dubai Open.
- Won consecutively for 2 years in college in Volleyball. Sports like Football, volleyball, and basketball gave me the opportunity to improve my leadership communication and interpersonal skills.