

Aman Sharma

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EDUCATION

Digital University Kerala

M.Sc in Data Analytics & Computational Science

Relevant Coursework: Parallel Computing, Deep learning, DSA

Kerala, India

August 2024 - June 2026

Delhi Skill and Entrepreneurship University

B.Sc in Data Analytics

Relevant Coursework: Data Analysis, Python, DBMS, Machine learning, Deep learning

New Delhi, India

December 2021 - June 2024

WORK EXPERIENCE

99acres.com - Info Edge India Ltd

Research Analyst Intern

Noida (U.P.), India

January 2024 – June 2024

- Conducted hierarchical analysis of 3000+ localities using Google Maps for accurate administrative structuring.
- Streamlined data validation and classification workflows, ensuring accuracy and RERA compliance across 10+ states.
- Supported research and operational enhancements, contributing to improved sales and user engagement.

Ministry of Statistics and Programme Implementation

Data Analyst Intern

New Delhi, India

July 2023 – August 2023

- Produced 30+ daily interactive data visualizations using BI tools, showcasing India's socio-economic and demographic statistics.
- Conducted in-depth data analysis and delivered customized visualizations for 10+ stakeholders to support decision-making.
- Managed multiple projects simultaneously, ensuring timely delivery of high-quality analytical outputs.

PROJECTS

Image Caption Generator with Language Translation | Python, ML/DL

- Developed an Image Captioning System using **InceptionV3 (CNN)** for image feature extraction and **LSTM** for caption generation.
- Translated captions into multiple language using **Google Translate API** and converted them into speech using **gTTS**.

AI Ears for Infant Tears | Python, DL, Audio Processing

- Built a model to classify infant cries (healthy vs pathological) using **MFCC** features extracted via Fourier Transform.
- Conducted comparative analysis of **CNN**, **LSTM** and **DFNN** architectures; **CNN** achieved the highest accuracy for early diagnosis support.

Sentiment Analysis of Website Articles | Python, NLP

- Performed Sentiment analysis on 150 website articles using web scraping and **NLP** Techniques.
- Extracted Key insights to support data driven decision making based on public sentiments.

Adult Census Data Anaysis Dashboard | Power BI, Data Visualization

- Built an interactive dashboard in Power BI using the Adult dataset from UCI Machine Learning Repository to uncover trends in income distribution.
- Visualized key metrics across age, education, occupation, sex, and hours worked per week to support socioeconomic insight discovery.

TECHNICAL SKILLS

Languages: Python, C, SQL, HTML, CSS, JavaScript

Developer Tools: VS Code, PyCharm, Jupyter Notebook, Git, GitHub

Technologies/Frameworks: Machine Learning, Deep Learning, Natural Language Processing (NLP), Gen AI, Database Management System (DBMS), Data Analysis, Data Visualization, Flask, PyTorch, TensorFlow, Power BI, MySQL, Pyspark

ADDITIONAL

Languages: English, Hindi

Soft Skills: Leadership, Teamwork, Communication, Time Management

Certification: Google Cloud Computing Fundamental, Google Cloud Data Analytics, Business Analytics With Excel (Simplilearn), PL-300 Certification - Microsoft Power BI (Udemy), Salesforce Admin (Smart Bridge), Data Science (IBM), Tata group Virtual Internship