MANAV KUMAR JHA

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OBJECTIVE

Recent Computer Science graduate skilled in database management, data analytics, and machine learning. Passionate about deriving insights from data to drive business impact. Seeking a Data Analyst role to apply analytical skills in a dynamic environment.

EDUCATION

Bachelor of Computer Science and Engineering, Aarupadai Veedu Institute of Technology — 2020 - 2024
CGPA: 8.9

Higher Secondary (Science Stream), Janta Koshi College — 2018 - 2020
Percentage: 70%

Secondary School, +2 Onkar High School — 2017 - 2018
Percentage: 60.1%

EXPERIENCE

Machine Learning Intern, NIT Surathkal

- Built a YOLO-based vehicle detection system to classify and count vehicles in real-time from CCTV footage.
- Developed Python scripts for video processing and object tracking, improving traffic analysis efficiency.
- Analyzed traffic patterns to provide insights for better campus management and safety.

SKILLS

Programming Tools: Python, SQL, NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Jupyter Notebook, Power BI, Tableau, Excel, Git/GitHub.
Soft Skills: Critical Thinking, Adaptability, Communication.

PROJECTS

- **Windows-Based Virtual Assistant**
  - Developed a voice-activated virtual assistant for Windows, enabling hands-free control of applications.
  - Implemented scripting and system integration to enhance user experience and productivity.
- **Exploratory Data Analysis (EDA)**
  - Cleaned and transformed raw data to improve data quality and accuracy.
  - Conducted in-depth exploratory analysis using **Pandas, Matplotlib, and Seaborn** to uncover key trends.
  - Identified customer segments based on demographics, leading to improved marketing strategies.

CERTIFICATIONS

- Accenture North America - Data Analytics and Visualization Job Simulation (Forage)
- Introduction to Artificial Intelligence – Infosys
- Introduction to Natural Language Processing – Infosys
- Introduction to Data Science – Simplilearn
- Fundamentals of Deep Learning – Nvidia
- Basic Python Certification – HackerRank
- Basic SQL Certification – HackerRank

ACHIEVEMENTS

- Received a letter of recommendation from NIT Surathkal for contributions to ML-based traffic monitoring.
- Earned Basic Python and Basic SQL Certifications from HackerRank.