Bipeen Mishra

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Summary

Experienced Data Engineer and Analyst with strong ownership skills. Proficient in Python, Power BI, Excel, SQL, and various tools. Demonstrates effective communication and takes ownership, delivering efficient solutions through teamwork. Excels in identifying actionable insights through complex data analysis and collaborating with cross-functional teams (up to 10 members) for successful project outcomes. Aiming to leverage 3+ years of experience and skills to achieve impactful results within an organization.

Experience

Sr. Executive • Samsung India Electronics Pvt. Ltd.   **Mar 2022 – August 2023 (IWS PVT.LTD) & From Dec 2023-Present (Accord Synergy PVT.LTD)**

• Automated data retrieval from databases, reducing manual data extraction time by 50% through implementation of efficient SQL queries.
• Streamlined spreadsheet tasks by developing Python scripts, resulting in 30% increase in efficiency and accuracy in data processing.
• Built and deployed Python-powered tools that enhanced productivity by enabling 20% faster decision-making and improving workflow efficiency by 25%.

• Developed a suite of over 100+ Python tools with a focus on Radio Access Network (RAN) and Radio Frequency (RF) technologies. These tools are designed to automate and optimize critical tasks such as network optimization, advanced data analytics, signal processing, and performance benchmarking. By addressing specific challenges within RAN and RF, these tools significantly enhance operational efficiency and accuracy, making them indispensable for professionals committed to improving network performance and reliability.
• Preparation of major tools as per requirement of customer (Airtel, JIO and VI)
    • LTE/NR KPI Tool for JIO, Airtel and VI
    • Network Availability Tool
    • Alarm Dashboard Tool
    • Hardware Dashboard Tool
    • Neighbor Calculation Tool
    • OSS KPI Tool for NT and Swap Site

Data Engineer • Deloitte   **Mar 2021 - Mar 2022**

• Successfully completed 5 data engineering projects, showcasing proficiency in database management and Python programming, resulting in efficient and accurate data processing.
• Collaborated with a team to create 10 reports and dashboards using Power BI, delivering valuable insights and visualizations to stakeholders.
• Demonstrated expertise in implementing data cleaning techniques, resulting in 100% data integrity and accuracy.
• Utilized data visualization tools to present complex data in a clear and concise manner, leading to data-driven decision-making processes and contributing to a 20% increase in efficiency.

Education

<div align="right">Jun 2017 - Sep 2020</div>

Bachelor of Science • Bunts Sangha's S. M. Shetty College of Science,Commerce and Management Studies

Information Technology • Grade: 8

Engaged in multiple programming competitions and Demonstrated exceptional expertise in the domain of Data Science.

Projects

Multiple Object Detection System   **Jan 2023 - Jan 2023**

• Implemented YOLOV3 model and utilized OpenCV library to develop and execute a highly effective object detection system, achieving an accuracy rate of 92%.
• Employed advanced computer vision techniques to efficiently identify and track multiple objects in images and videos, resulting in real-time results with an average processing time of 0.5 seconds per frame.
• Attained outstanding performance in detecting and localizing objects, achieving a precision rate of 95% and a recall rate of 90% in object identification tasks.

Shop Mart E-Commerce Store   **Aug 2019 - Mar 2020**

Bunts Sangha's S. M. Shetty College of Science, Commerce and Management Studies

• Spearheaded the creation and launch of a cutting-edge E-Commerce website utilizing Django and Python.
• Streamlined customer checkout process by seamlessly integrating secure PayPal payment gateways.
• Strengthened security measures and user confidence by implementing a robust user authentication system.
• Enhanced overall user experience by incorporating captivating frontend design and intuitive buy buttons.
• Increased website traffic by 30% within the first month of launch.
• Achieved a 20% increase in conversion rate through improved user interface and user experience design.
• Received positive customer feedback, resulting in a 95% customer satisfaction rate.

Achievements and Awards

I had 5 star Ranking in Hacker Rank   **Sep 2021**

Bunts Sangha's S. M. Shetty College of Science, Commerce and Management Studies

• Achieved a 30% enhancement in website performance and boosted user satisfaction by 20% through the implementation of innovative coding solutions.
• Organized and executed coding contests, drawing in more than 100 participants and driving a 40% increase in user engagement.

Skills

Excel and MS Office, HTML, CSS, JavaScript,
Power BI: Data Modeling, Data Visualization, Power Query, Power Pivot, Power View, Dashboards, Reports, Interactive Data Exploration, Interactive Data Exploration, Data Analysis,
SQL Database Management, Python (NumPy || Pandas || Matplotlib || Seaborn), oops in python, Django, git/GitHub