Mohit Shrivastav

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PROFILE SUMMARY

- Recent **B.Tech** graduate in **IT** with a strong foundation in **data analysis**, **data visualization**, and **machine learning & Web Dev**.
- Proficient in **Python** (Pandas, NumPy), **SQL**, **Power BI**, and **data cleaning and preprocessing**.
- Worked on various data-centric projects including **Heart Disease Prediction**, **Sales Data Analysis**, and **Covid-19 Data Dashboard**.
- Eager to apply analytical skills to real-world problems and pursue **data analyst & Web Development roles**.

EDUCATION

Dr. A.P.J Abdul Kalam Technical University   Lucknow, UP

Bachelor of Technology in Information Technology – CGPA: 7.8   *Nov. 2020 – July 2024*

Relevant Courses: *Data Structures and Algorithms, Software Methodology, Web Technology, Computer Networks, AI, Operating Systems, Database Management, Object-Oriented Programming (OOP)*

Experience/PROJECTS

Covid-19 Data Dashboard / *Power BI, Excel, Data Visualization*   Nov 2024 – Dec 2024

- Created a **Power BI dashboard** for visualizing global **Covid-19** data, analyzing trends, and providing insights on infection rates, vaccination progress, and recovery trends.
- **Increased data interpretation speed by 30%** by presenting data in interactive reports and visualizations using Power BI features like charts, slicers, and maps.
- Integrated data from **multiple sources**, ensuring **95% accuracy** in reporting, and providing actionable insights for decision-making.

I Tech World / *HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Chatbot*   Oct 2023 – Jan 2024

- **Created** a responsive educational platform using **HTML**, **CSS**, and **JavaScript** for high school (10th–12th grades) and engineering students, **optimizing** for mobile and desktop.
- **Incorporated** advanced features such as a custom chatbot, **quiz functionality** (via Google Forms), **user login/logout** system, and **premium course access**, achieving **95% user engagement rate.**
- Integrated real-time user interaction with a **RESTful API**, achieving seamless content updates and improved **platform** responsiveness.

Sales Data Analysis Dashboard / *Python, Pandas, NumPy, Sklearn*   May 2023 – Jun 2023

- Developed a comprehensive **Sales Data Analysis Dashboard** using **Power BI** for a retail company to track sales performance, customer demographics, and product popularity.
- **Achieved 20% improvement** in decision-making efficiency by generating insights into sales trends, top-performing products, and customer behavior.
- Processed large datasets using **SQL** queries, ensuring **98% data accuracy**, and generated key visualizations such as sales growth trends and regional sales performance.

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy), SQL, HTML, CSS, JavaScript

Data Visualization & Reporting: Power BI, Excel, Google Data Studio

Machine Learning: Sklearn, TensorFlow

Data Processing: Data Cleaning, Preprocessing, Feature Engineering

Database Management: MongoDB, SQL

Development Tools: Jupyter Notebooks, Google Colaboratory, Visual Studio Code

Productivity Software: Excel, Notion, Google Sheets

CERTIFICATIONS

- Problem-Solving Techniques (Java) Certification — HackerRank
- CSS (Basic) Certification — HackerRank
- Generative AI Project Planning — AWS Skill Builder

INTERESTS

- Technology and Innovation Enthusiast.
- Thrives in collaborative environments, valuing collective success, open communication, and creative problem-solving.
- Dedicated to enhancing fluency in English for better professional communication and personal development. .