MANISH PANDEY

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Data Analytics | Data Science| Python | Web Scrapping | Flask | Database Management

Proficient in Python, HTML & CSS, and SQL with a passion for applying machine learning and statistical analysis techniques to drive actionable insights and optimize business processes.

Highlights

Data Science and Data Analytics professional specializing in machine learning, Python, and Flask. Expertise in exploratory data analysis (EDA) using Python libraries, data analytics, and web scraping. Proficient in Power BI, IDLE, and Excel for comprehensive data insights and visualization.

- Developed machine learning models for mobile price classification and T20 World Cup data analysis, leveraging Python and key data science libraries.
- Conducted thorough data cleaning, including handling null values and creating visual data representations in Excel for better decision-making.
- Deployed and managed application UI and services on app servers, ensuring seamless integration and performance.
- Monitored and maintained AWS infrastructure, optimizing resources and minimizing downtime.
- Utilized ticketing tools for efficient issue tracking and resolution.
- Troubleshooting technical issues to enhance client satisfaction.
- Managed database operations, ensuring data integrity, availability, and security.
- Created and published multiple projects on GitHub, showcasing expertise in coding, collaboration, and version control using platforms like Python, machine learning, and web development.

Certifications Acquired

- Data Science and Data Analytics
  (**Dec 2023 – Oct 2024)**
- Python Developer
- Python with Django

Professional Experience

Enhanced Software Solution Pvt. Ltd.	Software Engineer	Dec 2024 - June 2025

- Set up Prometheus, Loki, Tempo, Alloy, Agent, and Beyla for full system monitoring and connected them to Grafana for live dashboards.
- Created and configured real-time dashboards, alerts, and exporters to monitor system health, performance, and logs in one place.
- Solved Linux system issues, managed services and users using commands like systemctl, chmod, chown, useradd, improving system uptime.
- Analyzed logs using journalctl, tail, grep, and fixed network issues with tools like netstat for better performance.
- Integrated multiple tools like MySQL, Prometheus, InfluxDB, Loki, Tempo in Grafana for better observability and system reliability.

Mentorness (Internship)	Machine Learning Internship	April 2024 - May 2024

- Created and shared multiple projects on GitHub, using Jupyter Notebook and Python libraries to showcase practical machine learning skills.
- Developed a machine learning model for mobile price classification, leveraging Python libraries to enhance prediction accuracy.
- Analyzed T20 World Cup data by building a machine learning model, extracting meaningful insights from the dataset.
- Utilized tools like Jupyter Notebook and various Python libraries to implement and refine machine learning models effectively.

Accenture (Internship)	Data Analytics and Visualization	March 2024 – April 2024

- Processed and cleaned Excel datasets by replacing null values and removing duplicates to ensure data accuracy and consistency.
- Conducted graphical visualizations using Pivot tables, transforming raw data into insightful and easy-to-understand visual formats.
- Improved data quality through meticulous cleaning and preparation, enabling more accurate analysis and decision-making.
- Enhanced data interpretation by creating dynamic visual reports using Excel Pivot tables.

Dusane Infotech India Pvt. Ltd.	Junior Technical Support Engineer	January 2022 – December 2023

- Diagnosed, reproduced, and resolved customer software and hardware issues, ensuring efficient problem-solving and customer satisfaction.
- Managed application services on Linux using commands like **systemctl restart, stop, daemon-reload,** and updated permissions with **chmod/chown.**

- Edited configuration files and restarted services to apply changes smoothly and ensure proper functionality.
- Monitored and activated AWS services, optimizing performance and reliability.
- Resolved client issues related to application functionalities by analyzing log files to identify and address root causes.
- Provided timely solutions through detailed troubleshooting, ensuring seamless operations and high client satisfaction.
- Actively participated in weekly team meetings, contributing to discussions on case backlog, technical processes, and departmental improvements.
- Monitored and created daily application reports using SQL Server, ensuring accurate and timely data analysis.
- Conducted monthly application assessments to ensure functionality and performance.

Micropoint Computers Pvt. Ltd.	Database Administrator	March 2020 – August 2020

- Developed and managed SQL stored procedures for generating and customizing reports based on business requirements.Established and maintained database standards, including installation, upgrades, and management of database applications.
- Performed regular backups and data recovery to ensure data integrity and availability.
- Utilized SQL to remove outdated data and update databases with new information.

Methodologies, tools and software applications

- **Platforms:** Windows, AWS
- **Languages :** Python, HTML, CSS, Excel
- **Databases:** SQL, PLSQL, MySQL
- **Web Scraping :** Beautiful Soup
- **Frameworks :** Flask
- **Data Analysis :** Pandas, NumPy, Matplotlib, Seaborn
- **Power BI**
- **IDE/Tools :** IDLE, Sublime Text, Jupyter Notebooks

Projects Done

- **Banking ATM Application:** Developed a Banking ATM Application using Python and object-oriented programming principles. Features include PIN creation and alteration, account balance checking, and money withdrawal.
- **Banking Application:** Built a Banking Application with Python and object-oriented programming principles. The application includes features for deposit, withdrawal, viewing account details, checking balance, and transferring funds.
- **Online IT Education:** Developed an online IT education web application using Python, HTML, CSS, and Flask, with database connectivity via PyMySQL. The application provides a comprehensive platform for IT learning and resource management.

Educational Qualification

University of Mumbai, India *Bachelor of Science (Information Technology)*

Other Relevant Information

English *(Native Fluency)*	**Hindi** *(Native Fluency)*	**Marathi** *(Native Fluency)*