SHABISTA YASEEN PATNE

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**SUMMARY**

Dynamic Data Analyst with expertise in SQL, Python, Excel, Tableau, and PowerBI. Proven track record in strategic data analysis, database management, and creating impactful data visualization dashboards. Strong problem-solving skills and a passion for leveraging data to drive insights and inform decision-making processes.

**WORK EXPERIENCE**

**MentaMorph**, Canada *Jun 2023 – Dec 2023*

***Student Data Analyst***

* Researched and selected optimal government open datasets, analyzing financial education needs across 15 states, targeting low-income occupations nationwide.
* Formulated tailored educational scenarios for specific age groups and low-wage occupations, enhancing financial literacy outreach.
* Utilized SQL to sift through extensive datasets and identify occupations requiring financial education, leading to targeted engagement strategies.
* Developed actionable insights to boost user engagement by 21% through strategic analysis of open government data.
* Leveraged Python for data analysis, generating comprehensive reports to inform decision-making and optimize user engagement.

**Accenture,** India *Mar 2021 – Apr 2022*

***Oracle Software Engineer***

* Spearheaded automation efforts, slashing work time by 83% through innovative procedure and function development for Oracle Work Structures.
* Implemented alerts within the Oracle HCM database, reducing Taleo recruiting errors by 53% and enhancing data integrity.
* Streamlined daily tasks by 35% through enhancements to Oracle HCM application functionality, ensuring seamless operations.
* Resolved critical incidents in Core HR, Payroll, and Taleo recruiting using advanced SQL queries, ensuring system stability.
* Garnered recognition as an exceptional team player by efficiently prioritizing and resolving IT support tickets, contributing to overall team success.

**Aptus Software Labs**, India *Jul 2020 – Sep 2020*

***Trainee Engineer Intern***

* Engineered optimized information systems by fine-tuning durable functions and Kafka, ensuring reliable data transfer and system efficiency.
* Authored Python programs for ETL operations, enhancing data quality and streamlining data processing across diverse databases.
* Implemented advanced data sorting techniques within Redis, boosting data retrieval efficiency and optimizing system performance.
* Crafted JSON records tailored to project requirements, facilitating seamless data integration and enhancing project outcomes.

**EDUCATION**

**Georgian College**, Canada

***P.G. Data Analytics*** *May 2022 – Dec 2022*

***P.G. Artificial Intelligence*** *May 2023 – Dec 2023*

**University of Mumbai**, India *Aug 2016 – Oct 2020*

***B.E. Electronics and Telecommunication***

**CERTIFICATIONS AND KEY SKILLS** 

**Certifications:** Google Certified - Data Analytics

**Tools**: Data Visualization (Tableau, PowerBI, Matplotlib, Seaborn) • Data Manipulation and Analysis (Pandas, Numpy, Excel) • Big Data (Hadoop, Spark, Hive) • Machine Learning (scikit-learn, Tensorflow, PyTorch) • Version Control (GitHub) • Microsoft Office Suite

**Technical Skills**: Programming Languages (Python, SQL, R, C++, C#) • Statistical Analysis • Data Manipulation &visualization • Machine Learning • Data Warehousing and management • Data Mining

**Soft Skills**: Analytical Thinking • Communication • Problem-Solving • Time Management • Adaptability • Teamwork • Resilience

**PROJECTS**

**Global GDP and Population Visualization**

* Utilized Tableau to visualize global GDP and population data, enabling dynamic selection of continents and countries to showcase economic and demographic trends.
* Identified economic and demographic shifts by highlighting GDP and population changes from 2018 to 2022, providing actionable insights into global economic and demographic trends.

**COVID-19 Data Analysis**

* Applied AI techniques and SQL for comprehensive analysis of COVID-19 data, manipulating large datasets to extract AI-driven insights into pandemic trends.
* Engineered global SQL tables to provide actionable insights into COVID-19 patterns, supporting decision-making and response efforts in healthcare during the pandemic.

**NYC Taxi Preference Analysis**

* Leveraged machine learning and advanced data analysis techniques to dissect customer preferences between green and yellow taxis in NYC.
* Utilized PowerBI and Python to conduct in-depth analysis, providing actionable insights into taxi preferences to inform strategic business decisions in the taxi industry.

**Queue Time Prediction**

* Implemented machine learning algorithms, including regression and time series analysis, to accurately predict queue wait times and optimize staffing levels.
* Predicted queue wait times to enhance customer satisfaction and reduce wait times, resulting in improved operational efficiency in customer service.

**VOLUNTEER/LEADERSHIP EXPERIENCE**

* As a Robot Inspector at FIRST Robotics, I executed meticulous inspections, facilitated mentor-student interactions, and ensured strict adherence to inspection protocols, contributing to the seamless functioning of the event.
* Volunteered with IETE to organize several Blood Donation Drives and Tree Plantation Drives.
* Got elected as Placement Head and orchestrated impactful pre-placement training, workshops, seminars, and mock interviews and honed students' abilities to navigate demanding workplace scenarios effectively.