VENKATA NAGA SAI MUNAGALA

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SKILLSET

Technical Skills: SQL, Power BI, Advanced Excel, Python, Statistical Analysis, Azure DevOps
Soft Skills: Stakeholder Communication, Agile Methodology, Project Management, Business Process Improvement, Cross-Group Collaboration, Strategic Planning

EDUCATION

Master of Business Administration – Business Analytics   **June 2022 - June 2024**
SRM University, Kattankulathur

Bachelor of Technology – Mechanical Engineering   **June 2017 – April 2021**
Gudlavalleru Engineering College, Gudlavalleru

EXPERIENCE

Cognizant Technology Solutions   **November 2021 – Present**
Associate   Hyderabad, Andhra Pradesh

- Effectively utilized **SQL Server Management Studio, Power BI, Azure DevOps, and Visual Studio** tools as essential and integral components of daily operational activities and project workflows.
- Automated complex Excel reports, enabling scheduled refreshes and updates, leading to a **yearly savings of approximately 150 hours** and significantly improving the overall user experience.
- Executed thorough data cleansing processes for our application, improving the quality and integrity of historical data in our system over the past 15 years, resulting in a **20% reduction in support tickets per month**.
- Introduced new application features aligning with evolving business needs, resulting in a **5% reduction in support tickets** and enhanced user interactivity for improved functionality and overall usability.
- **Addressed over 150 critical vulnerabilities reported in AdHoc and Wiz scans** on six Windows servers through collaborative efforts, ensuring a secure and robust computing environment.
- Successfully **remediated over 30 significant findings identified in WAST testing**, thereby enhancing the security and compliance of the web application in strict accordance with company standards.

PERSONAL PROJECTS

Unlocking Telangana's Growth: Strategic Analysis   **Power BI**

- Examined stamp utilization, vehicle sales, and investment trends in Telangana, uncovering a 32% surge in document registration revenue and a 23% growth in vehicle sales from FY 2019 to FY 2022.
- Delivered insights and strategic advice through thorough data cleansing, sophisticated modeling, and comprehensive interpretation, pinpointing 16 low-revenue and 13 medium-revenue districts based on stamp registration revenue.

AtliQ Mart Promotional Analysis: Diwali & Sankranti Campaigns   **Power BI & SQL**

- Assessed promotional performance during Diwali 2023 and Sankranti 2024, revealing a 32.83 million INR increase in revenue from the top 10 stores.
- Generated actionable insights by cleaning, modeling, and interpreting data, highlighting the "500 Cashback" promotion's 91.05 million INR revenue and the "BOGOF" promotion's 157,000 additional sold units.

YouTube Data Sentiment and Emoji analysis   **Python**

- Conducted sentiment analysis and emoji frequency **analysis on over 300,000 YouTube comments** using **TextBlob,WordCloud** and Python libraries.
  - Created visualizations using **Pandas, Seaborn, Matplotlib, and Plotly** to represent sentiment and emoji distribution, enhancing data insights and reporting.