**Swapnil Diwate**

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**PROFESSIONAL SUMMARY**

Data Analyst around 2 years of experience leveraging SQL, Python, and Power BI to perform data cleaning, transformation, and visualization. Skilled in generating actionable insights, building interactive dashboards, and supporting data-driven decision-making in Agile environments.

**SKILLS**

* **Data Analysis & Manipulation**: Microsoft Excel, Python (Pandas, NumPy)
* **Data Visualization**: Power BI, Tableau, Matplotlib, Seaborn, Google Sheets
* **Databases & Querying**: SQL (MySQL, PostgreSQL, MS SQL Server)
* **Statistical Analysis**: Descriptive statistics, hypothesis testing, regression analysis
* **Tools & Platforms**: Node.JS, Java, JavaScript, React.JS, SQL, HTML, CSS, MS Word

**WORK EXPERIENCE**

**Western Union Pvt**  **July 2024 – Present**

Security Analyst (GSOC Operator) Pune

* Built and deployed a real-time Device Health & Status Monitoring Dashboard (Node.js, JavaScript, HTML, CSS) to track performance of 750+ surveillance devices.
* Conducted in-depth analysis using SQL Server and Excel to generate accurate reports, identify operational trends, and provide insights that optimized workflows and informed leadership decisions.
* Collaborated with cross-functional teams to integrate security operations data into BI systems (Power BI/Excel), enabling data-driven decision-making and enhancing situational awareness across global sites.

**SSquareIT Solutions**   **Jan 2024 – Jun 2024**

Software Testing Pune

* Utilized SQL and data validation techniques to ensure accuracy, consistency, and integrity of datasets during software testing, improving data reliability for decision-making.
* Designed and executed test cases and API validations, applying analytical skills to identify data issues, track defects, and enhance overall data quality and performance.
* Contributed to a real-world project by applying testing methodologies and data analysis to improve process efficiency, reliability, and actionable insights.

**PROJECTS**

**Device Health & Status Monitoring Dashboard |** *SQL, Power BI, Python*

* Built a dashboard to track 750+ devices, automating trend analysis with SQL & Python (Pandas, NumPy) to cut manual monitoring by 90%.
* Delivered actionable insights on uptime/downtime, enabling proactive maintenance and faster resolution

**Global Occupancy Dashboard |** *Power BI, SQL, Python*

* Developed a real-time occupancy dashboard combining live and historical data for workforce optimization.
* Applied Python (Pandas, NumPy, SciKit-Learn) for predictive analytics and anomaly detection, improving situational awareness and decision-making.

**EDUCATION**

**Dr. D. Y. Patil Institute of Technology August 2020 - May 2024**

Bachelors in Electronics & Telecommunication Engineering [ CGPA: 7.84] Pune