SWAYAM ROHIDAS BADHE

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EDUCATION:

Syracuse University, College of Engineering and Computer Science, Syracuse, NY **May 2026**
Master of Science in Computer Science
Relevant coursework: Computer Architecture | Assured programming and formal methods | Database Management System

University of Mumbai, Ramrao Adik Institute of Technology, Mumbai, India **May 2023**
Bachelor of Engineering in Computer Engineering
Relevant coursework: Python Programming | Big Data Analytics | Management Information Systems | Data Warehousing and Mining

SKILLS:

- **Technical**: SQL (Structured Query Language), Python, Pandas, JavaScript, Pandas, MongoDB, Statistics.
- **Tools & Software**: Microsoft Excel, Power BI, Jupyter Notebook, MySQL, MongoDB Compass, Microsoft SQL Server.
- **Core Competencies**: Data Analytics, Data Visualization, Business Intelligence, Problem Solving, Decision Making.

WORK EXPERIENCE:

Accenture, Associate - Mumbai, Maharashtra **September 2023 – July 2024**

- Completed 100+ hours of rigorous training focused on data engineering analytics, and data visualization using Python, SQL Queries, and Power BI.
- Developed ETL in Power BI for data handling, data cleansing and data modeling, enabling efficient KPI reporting and actionable insights.
- Contributed to 3+ data-driven training projects in real-time data analysis, advance excel, and ETL processes using MySQL Workbench and Excel.
- Assisted in creating interactive dashboards and reports for mock client scenarios, simulating real-world business challenges.
- Gained practical exposure to data governance and best practices, ensuring data accuracy, integrity, and consistency across training projects.

PROJECTS:

Cricket Insights – Sports Domain [Python | Pandas | Web Scrapping | Power BI]

- Generated a Power BI report to identify top 11 players for a T20 cricket team by scraping data from espncricinfo with a Bright Data website tool, cleaning and transforming the data with pandas, and evaluating various player performance metrics.
- Performed data analysis techniques using DAX, including calculating measures resulting Power BI dashboard to select players for various categories (openers, middle order/anchors, finishers, all-rounders, specialist fast bowlers) and ultimately choose the top 11 players to play in the match.
- Selected team using the Power BI dashboard has 90% of chances to win the game.

Sales Insights – Business Domain [SQL | Power BI]

- Implemented an automated dashboard for a computer hardware business facing challenges in scaling within a dynamically changing market and lacking actionable insights.
- Performed data analysis using SQL and Power BI to track revenue growth, year-over-year (YOY) trends, and region-wise sales performance.
- The dashboard enabled quick, data-informed decisions, effectively displaying sales trends and potentially raising revenue by at least **7%** in the next quarter.

Revenue Insights – Hospitality Domain [Excel | Power BI]

- A hotel noticed a loss in their market share and revenue over a few months. To understand the cause of this loss, they needed a way to analyze this. I created a dashboard in Power BI using three months of data.
- Conducted revenue trend analysis using key metrics such as percentage revenue by category, ADR (Average Daily Rate), and occupancy rates, and developed a dynamic dashboard to track week-over-week changes across properties, platforms, and room categories, enabling stakeholders to identify opportunities for revenue growth and optimize strategies effectively.
- The produced dashboard enabled the revenue team to strategize effectively, potentially helping the hotel regain its 20% market share and revenue in the next month.

HR Data Analytics – HR Domain [Excel | Power BI]

- Designed a Power BI dashboard to track employee data for the HR team, including working hours, attendance, performance, and leaves. The dashboard streamlined HR processes and increased efficiency.
- Incorporated dynamic visualizations to track WFH trends, sick leave patterns, and attendance rates, enabling the HR team to identify workforce availability and productivity at a glance.
- The dashboard streamlined HR processes, reducing daily reporting efforts by 3-4 hours and improving overall team productivity.

PUBLICATIONS:

- Deep Learning based Facial Emotion Recognition. In ITM Web of Conferences (Vol. 44, p. 03058). EDP Sciences. Link.