SIDDHESH UGALE

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PROFILE SUMMARY

Motivated and detail-oriented MCA student with strong analytical thinking and a solid foundation in software and database concepts. Able to understand requirements quickly, work collaboratively in teams, and deliver structured, efficient solutions. Adaptable, eager to learn, and committed to developing as a reliable engineering professional. Seeking an opportunity to contribute to real-world projects while continuously improving through hands-on experience.

EDUCATION

Master of Computer Applications (MCA), *GESCOE's R.H. Sapat College of Engineering Nashik* 08/2024 – Present
Nashik

Bachelor of Computer Science (BCS), 07/2021 – 06/2024
Commerce Management and Computer Science College Nashik Nashik

SKILLS

Programming & Core Technical Skills: Python, Java, C, C++
Data Structures & Algorithms (DSA): Arrays, Linked Lists, Stacks, Queues, Sorting & Searching
Database & SQL Skills: SQL: Joins, Subqueries, CTEs, Views, Indexes, Window Functions
PL/SQL: Procedures, Functions, Cursors, Packages, Triggers, Collections Database Design, Normalization, OLTP & OLAP Concepts
Cloud & ETL Technologies: AWS: (S3, IAM,RDB)
Snowflake: Virtual Warehouses, Stages, COPY INTO, Time-Travel ETL Concepts & Data Pipeline Understanding
Software Development Practices: SDLC, Agile Methodology Test-Driven Development (TDD) Exposure Debugging
Software Testing Skills: Selenium (Basics) Black-Box Testing, White-Box Testing
Tools & Platforms: Git/GitHub Oracle SQL Developer VS Code Jupyter Notebook Jira

PROJECTS

Swiggy Data Integration & Analysis, *Tech Stack: SQL, AWS (S3, IAM), Snowflake, ETL*
- Built a data integration and analytics pipeline by ingesting Swiggy datasets from AWS S3 into Snowflake.
- Designed Fact and Dimension models using Star Schema for customer, restaurant, delivery, and order datasets.
- Performed data cleaning, transformation, and normalization ensuring high-quality structured data.
- Implemented ETL workflows to automate incremental data loads and improve data freshness.
- Enhanced performance using query optimization and Snowflake storage features (micro-partitioning & clustering).
- Created Snowflake dashboards for insights on delivery performance, customer trends, and food demand analytics.

GreenScan, *Tech Stack: HTML, CSS, JavaScript, Angular, QR Code API*
- Built an interactive web application that allows users to scan QR codes placed on campus trees to instantly access information about each tree.
- Displayed rich botanical data including tree name, medicinal uses, benefits, and seasonal appearance.
- Integrated Angular-based components for smooth navigation, dynamic UI rendering, and fast data load.
- Designed a clean and user-friendly frontend to enhance environmental awareness and campus exploration.
- Focused on responsive layout and seamless QR code scanning experience for improved user engagement.

Garage Database Management System, *Tech Stack: Oracle SQL, PL/SQL*
- Designed a normalized relational database with 8–9+ interlinked tables such as Customers, Spare Parts, Service Records, Vehicles, Billing, etc.
- Implemented database objects including constraints, indexes, views to maintain data accuracy and performance.
- Executed 50+ SQL operations including joins, nested subqueries, grouping, and transaction controls.
- Developed PL/SQL stored procedures, triggers, and functions for automated billing & stock management.
- Created real-world analytical SQL reports enhancing business decision-making for service operations.

CERTIFICATES

- Google Project Management Professional Certificate
- Hacker Rank SQL