HARSHITHA VS
Aspiring Data Science Engineer

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PROFILE

Analytical 5th-semester BCA student at Mount Carmel College with a strong foundation in data analysis, machine learning concepts, and ETL processes. Proficient in Python and SQL for data extraction, cleaning, and transformation. Combines project experience in database design with relevant coursework in Data Warehousing, Big Data, and AI. Eager to contribute to Gen AI and Cloud initiatives.

EDUCATION

Bachelor of Computer Applications : Mount Carmel College, Autonomous, Bengaluru | Exp. 2026
CGPA: 7.5 (approx)
Class XII (Karnataka Board) : Mount Carmel PU College, Bengaluru | 2023
Percentage: 90%
Class X (ICSE) : St Charles High School, Bengaluru | 2020
Percentage: 82%

RELEVANT COURSEWORK

Big Data Analytics, Data Warehousing and Data Mining, Database Management Systems, Python Programming, Artificial Intelligence and Machine Learning, Software Testing.

TECHNICAL SKILLS

Languages: Python, SQL, R, Java

Data Science & Databases: Data Warehousing, Data Mining, ETL Processes, Data Cleaning & Transformation, Big Data Analytics, Machine Learning Concepts; MySQL, Relational Database Design
Tools & Technologies: Jupyter Notebook, Git, GitHub, MS Excel, RStudio

PROJECTS

AI-Powered Debugging Tool | Git, API Management, Python
- Forked and configured an open-source AI application from GitHub to analyze its operational workflow and setup requirements.
- Managed the end-to-end configuration process using Git workflows for repository cloning and environment setup, including the secure integration of API keys and environment variables.

E-Commerce Database Design | MySQL, DBMS Normalization
- Engineered a normalized (3NF) relational database to serve as the backbone for e-commerce operations, focusing on data integrity and quality.
- Implemented data validation rules and integrity constraints to ensure high-quality, reliable data for business reporting and analysis.

CERTIFICATIONS & EXTRACURRICULARS

Cybersecurity - AlphaTech Academy | **Android** - Acmegrade | **Graphic Design** - NICT

- **Pet Fiesta Volunteer** – Assisted in event coordination and ensured smooth running of activities.
- **Teaching Volunteer** – Helped teach basic English and grammar to government school students through interactive sessions.
- **Rotaract Association** – Created sign-up posters using Canva and other design resources.