

MANSI SAPTALE

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SUMMARY

Aspiring Undergraduate computer engineer with proficient in Java and Python, with expertise in software development, database management, and program management. Skilled in coordinating cross-functional teams, managing project timelines, and ensuring efficient delivery of high-impact solutions. Adept at applying Agile methodologies to align technical efforts with organizational goals and drive successful project outcomes.

WORK EXPERIENCE

Graduate Engineering Trainee at PepsiCo GBS(Hyd,India)

Aug 2024- Present

POWERBI ANALYST under R&D Team

- Hands-on experience in designing and developing interactive Power BI dashboards to visualize business insights and support data-driven decision-making.
- Designed, implemented, and optimized ETL pipelines to efficiently extract, transform, and load large datasets from multiple data sources into cloud-based storage and data warehouses.
- Automated data loading and transformation workflows using PySpark and SQL, resulting in a reduction in processing time.

Data Science Intern , Eaton(Pune,India)

July 3, 2023 – September 2, 2023 (2 months)

- Project 1: Developed a Named Entity Recognition (NER) model to extract key entities from unstructured text, improving data organization and retrieval.
- Project 2: Built a question-answering application leveraging Large Language Models (LLMs) to provide accurate and context-aware responses, enhancing user interaction and accessibility.
- Conducted data preprocessing, feature engineering, and model fine-tuning to ensure robust and efficient solutions.
- Collaborated with cross-functional teams to align solutions with business objectives and improve decision-making processes.

Project Intern , Koushiki Innovation (Pune,India)

August 2023 – December 2023 (5 months)

- Worked on a Cricket Bowler Analysis project aimed at enhancing training methods through advanced data insights.
 - Utilized Python libraries such as Pandas, NumPy, and Matplotlib to preprocess and analyze player performance data.
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SKILLS

- **Languages:** Java, Python, DSA in Java, Machine Learning in Python, Cybersecurity ,HTML, CSS, JavaScript.
- **Database:** SQL,MongoDB.
- **Developer Tools:** Visual Studio, MYSQL,Android Studio, PowerBI.
- **Project reporting ,Quality control ,Risk assessment ,Risk management , Solution development ,Strategic planning ,Strong interpersonal skills,Monitoring , Multitasking , Planning ,Prioritizing**

EDUCATION

Bachelor of Technology in Computer Science
MKSSS's Cummins College of Engineering,Pune

Jun 2020 - Jun2024
CGPA: 7.6/10

Sinhgad College of Science,Commerce Arts,Pune HSC
HSC

Jun 2019 - Jun 2020
Aggregate: 75%

St. Mira's Secondary School,Pune SSC
SSC

Jun 2017 - Jun 2018
Aggregate: 90%

PROJECTS

- **Website Development : HTML,CSS**

E-commerce website using HTML,CSS: designed to provide users with a visually appealing and easy-to-use interface. We have created a section that showcases our latest products and promotions, to create a modern and professional-looking website that is sure to impress our customers.

- **Movie recommendation model : Machine Learning python**

Content-based systems use data on the characteristics of different movies, such as genre, actors, or plot, to match them with the user's preferences. Collaborative filtering systems use data on the user's past movie choices, as well as the choices of other similar users, to predict what the user might like.

- **Hangman Game : Python**

Content-based systems use data on the characteristics of different movies, such as genre, actors, or plot, to match them with the user's preferences.

- **Student's performance prediction: Python**

Using statistical methods and visualization for predicting the performance of students.

- **Blood Bank Management System: Database,Java**

Using database (SQL) to improve efficiency and management of donations and distribution of blood.Using JDBC for connectivity with database.

- **Hotel Management System: Data Structures,Java**

Data Structure used Hash Table used to store and retrieve data quickly. In a hash table, data is stored in an array format where each data value has its own unique index value. Accessing data becomes very fast if we know the index of the desired data.

ACHIEVEMENTS

- 4/5 star on HackerRank in Python.
 - 4/5 star on HackerRank in MySQL.
 - 3/5 star on HackerRank for data structures.
 - Earned a badge for Cybersecurity by Cisco.
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CERTIFICATIONS

Google Project Management: Professional Certificate

Completed the Google Project Management: Professional Certificate, gaining foundational skills in project planning, execution, and agile methodologies.