

VISHAL KANNA B

Data Analyst

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PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with experience in statistical analysis, data visualization, SQL, and Python. Proven ability to interpret complex data, create meaningful reports, and provide actionable insights to drive business decisions. Adept at managing large datasets and developing interactive data applications to enhance user engagement.

PROJECTS

Data Harvesting and Warehousing using SQL and Streamlit

- **Efficiency Boost:** Increased data harvesting efficiency by 75% using a Python script with the YouTube Data API v3.
- **Data Management:** Managed ingestion of 50TB of YouTube data, transitioning from MongoDB to PostgreSQL, improving query efficiency by 40%.
- **User Engagement:** Developed a Streamlit application, enhancing user engagement by 30% through interactive data exploration.
- **Schema Optimization:** Optimized data warehouse schema, improving data analysis speed by 20%.

Real-Time Online Mentor-Student Classroom App

- **Real-Time Interaction:** Facilitated real-time mentor-student interactions using Python, Flask, WebSocket, and MySQL.
- **Personalized Learning:** Developed features for customizable virtual classrooms, enhancing personalized learning experiences for 500+ students.
- **Secure Management:** Implemented secure user management, providing insights for 200+ registered users.

EDUCATION

Bachelor of Computer Applications, Muthayammal Memorial College Of Arts and Science

2021-2024 | CGPA: 8.3/10

- **Relevant Coursework:** Data Science, Statistical Analysis, Data Visualization, Machine Learning, Deep Learning, Big Data Analytics, NLP, Time Series Analysis, Feature Engineering, Model Evaluation, Applied Data Science Projects

Data Science Course - GUVI Master's Data Science Course (6 months)

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
 - **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Power BI
 - **Database Management:** MySQL, MongoDB
 - **Tools & Technologies:** Git, Microsoft Office
 - **Other Skills:** ETL Processes, Statistical Analysis, Machine Learning, Data Structures & Algorithms
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CERTIFICATIONS

- **SQL for Data Analysis** (2020) – LinkedIn Learning
 - **Artificial Intelligence Foundation: Neural Networks** – National Registry Of CPE – QAS
 - **PowerBI** - GUVI Geek Networks, IITM Research Park
 - **Tableau for Beginners** - GUVI Geek Networks, IITM Research Park
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ACHIEVEMENTS

- **Hackathon Winner:** Bhumi & Cisco Hackathon, Skill-Ed Hackathon 2023-2024 (200+ teams)
 - **Leadership:** Led Hack With GDSC, attracting 200+ participants and generating 50+ app prototypes.
 - **Competition Success:** 1st Place in Trailer Making at Periyar University (50+ teams)
 - **Quiz Victory:** 1st Place in Technical Quiz at National Level Symposium (100+ participants)
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EXTRACURRICULAR ACTIVITIES

- **Member,** Data Science Club
 - Organized workshops and seminars on data analysis and machine learning.
 - **Volunteer,** Local Community Coding Initiative
 - Taught basic programming skills to underprivileged students.
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CONTACT INFORMATION

Location: Namakkal, India

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