

Bandla Venumadhav

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Summary

Experienced software developer transitioning into data science. Proficient in Python, SQL, Power BI, and Excel for data visualization. Skilled in web app development, database management, and data manipulation, leveraging analytical skills for data science roles.

Skills

Programming: Python, JavaScript, JQuery, HTML/CSS, PHP

Data Science: Pandas, Numpy, Matplotlib, SQL, Power BI, Machine Learning, Data Visualization, Data Wrangling

Tools: Git/GitHub, Jupyter Notebooks, Postman, MS Excel

Soft Skills: Problem-solving, Collaboration, Analytical Thinking

Work Experience

Innervex Technology, Madurai May 2023 – May 2024

- Debugged and fixed application issues to ensure smooth operation and minimize downtime.
- Utilized SQL for efficient data storage, retrieval, and updates.
- Developed features and optimized code to improve scalability and performance.
- Collaborated on API integration using Postman and gained expertise in API testing.
- Implemented MVC architecture and PostgreSQL for following industry best practices.
- Technologies: PHP, SQL, Excel, JavaScript, JQuery, Postman

Projects

- **Redbus Streamlit Application** (Sep 2024)
Technologies: Python, Selenium, Streamlit, SQLite
 - Developed web scraping scripts, increasing data collection speed by 50%.
 - Implemented dynamic filtering using Streamlit to enhance the user experience.
 - GitHub: github.com/venumadhav2407/redbus_streamlit_app
- **YouTube Ad View Prediction** (Jul 2024)
Technologies: Python, Pandas, Numpy, Matplotlib, Machine Learning
 - Applied label encoding and used ML algorithms, including Linear Regression and Random Forest.
 - Performed cross-validation to fine-tune models and improve performance.
- **Music Player Using Flask** (Apr 2024 – May 2024)
Technologies: Flask, Jinja Templates
 - Developed a web-based music player with search and play functionality.
 - Integrated a secure login system to protect user privacy and data.

Education

T.J.S Engineering College Jul 2019 – Jun 2023

BE in Computer Science

CGPA: 8.6 / 10

Certifications

- Python Programming Course: [Kaggle Certification](#)
- Introduction to Cloud Computing: [Udemy](#)
- Time Complexity: [CodeChef](#)
- Git and GitHub for Beginners: [Udemy](#)

Languages

English, Telugu, Tamil

Hobbies

Learning new technologies, Content writing, Coding practice