Bellum Kushyanth Reddy

+91 9603552004   kushyanthreddy53@gmail.com   Linkedin

SUMMARY

Aspiring software developer with expertise in Python, SQL, HTML, CSS, and JavaScript, along with hands-on experience in data engineering, ETL, and analytics. Proficient in building efficient applications, creating data pipelines, and applying ML techniques like NLP and Generative AI. Skilled in data visualization using Pandas, Power BI, and Excel, with strengths in problem-solving and teamwork.

EDUCATION

Jansons Institute of Technology, Coimbatore   **2021 - 2025**

B.Tech (Hons.) , Artificial Intelligence and Data Science   8.0 CGPA

PROJECTS

Air Quality Prediction System

- Collected real-time environmental data using MQ-2, MQ-7, MQ-135, and DHT11 sensors connected to ESP32 via Arduino IDE.
- Preprocessed sensor data and trained a machine learning model using Python to predict Air Quality Index (AQI) based on gas and weather parameters.
- Built a static web interface using HTML, CSS, and JavaScript to display AQI, pollutant levels, and historical trends with dynamic charts.

Walmart Sales Analysis

- Analyzed multi-branch Walmart sales data to uncover customer behavior, product engagement, and revenue trends.
- Utilized SQL for data extraction and reporting, providing actionable insights similar to campaign performance analysis in AdTech.
- Developed strategic recommendations for pricing optimization, targeted marketing, and branch-specific sales strategies.

Medication Management System

- Implemented role-based dashboards for patients and caretakers using React components, state management, and protected routes.
- Developed secure authentication by validating credentials through Node.js API calls and storing JWT tokens in client storage.
- Managed medication data through GET, POST, and PUT API calls to fetch, add, and update medication records in SQLite database.

ACHIEVEMENTS

- Completed Dual Degree (Honors) in Image & Video Analytics, Network Security, 3D Design, Game Development, Robotic Process Automation.

CERTIFICATIONS

Python Fundamentals

MS Office 365 Productivity Certification

SKILLS

- **Programming:** Python, SQL, React.js, Node.js, HTML, CSS, JavaScript
- **Data Engineering:** ETL, Data Pipelines, Data Processing
- **Machine Learning:** NLP, Generative AI, Feature Engineering
- **Tools & Technologies:** MS Excel, Power BI, Pandas, NumPy, Seaborn, Matplotlib, Data Visualization, Git, IoT
- **Soft Skills:** Problem-Solving, Communication, Collaboration, Attention to Detail, Deadline Management, Client Communication, Adaptability, Time Management