SHYAM KUMAR NAGILLA

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OBJECTIVE

Dedicated and enthusiastic individual, constantly seeking to apply and expand my knowledge while challenging myself to grow professionally. Quick learner, team player, and adaptable to evolving technologies and organizational needs.

EDUCATION

Brilliant Grammar School Educational Society's Group of Institutions, Hyderabad   June 2025
B.Tech in Computer Science and Engineering(Data Science), **CGPA: 7.61**

Narayana Junior College, Hyderabad   March 2021
Intermediate -MPC **96%**

Vaishnavi High School, Hyderabad   March 2019
10th Board - SSC **GPA: 9.8**

EXPERIENCE

Infosys Limited – Infosys Springboard Internship 5.0   Dec 2024 – Feb 2025
Role: *Data Visualization Intern | Project: Air Quality Index Visualization*

- Built a fully functional AQI visualization platform using **Python**, **Streamlit**, and **Power BI**.
- Ensured **95% data accuracy** and seamless dashboard integration for end users.
- Collaborated with a cross-functional team, enhancing communication and problem-solving skills.
- Delivered a user-friendly, insightful solution that received **positive feedback** from peers and mentors.

PROJECTS

AI-Powered Forecasting for Agricultural Productivity | *Neural Network, Python*   Aug 2024 – Oct 2024

- Designed a model with `tanh` & `softmax` layers to predict crop yields with **96% accuracy**.
- Reduced response time by **25%**, aiding in quicker decision-making for farmers.

Cloudcast – Real-Time Weather Forecasting App | *HTML, CSS, JavaScript*   Apr 2024 – May 2024

- Developed a responsive web app for real-time weather tracking using OpenWeatherMap API.
- Ensured smooth performance across devices with clean UI/UX design.

College Club Management System | *Java, MySQL*   Jan 2024 – Mar 2024

- Designed and developed a system to manage clubs, events, student memberships, and announcements.
- Implemented secure login, event registration, and role-based access using modular code and database integration.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL
Web Technologies: HTML, CSS
Tools and Platforms: GitHub, MySQL, Power BI
Soft Skills: Analytical Thinking, Problem Solving

CERTIFICATIONS

- Artificial Intelligence (IBM SkillBuild)
- Walmart Global Tech - Advanced Software Engineering Job Simulation (Forage)