Shubham Meena

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🏛 Profile Summary:

Enthusiastic and diligent Data Engineer with a solid foundation in software development gained through academic projects. Skilled in programming languages such as Python and C++, and familiar with modern development frameworks. Strong   ability to Learn and Adapt quickly, with a passion for technology and Problem-solving. Eager to contribute to innovative projects and collaborate with experienced professionals to drive the success of the development team.

🎓 Academic Qualification:

1. Bachelor of Technology (2021-2025)
   Computer Science Engineering – AIML
   College: LNCT University, Bhopal
   CGPA: 7.94
2. Higher Secondary Education (2021)
   Board: CBSE
   Score: 72.6%
3. Secondary Education (2019)
   Board: CBSE
   Score: 78.6%

💼 Internships:

1. **Cisco Virtual Internship:** The Cisco Virtual Internship aimed to equip students with practical skills and knowledge in networking, cybersecurity, and related fields. The program included a blend of theoretical learning and hands-on experience, ensuring that participants could apply what they learned in real-world scenarios.
   Networking Basics: This module covered fundamental concepts of networking, including network topologies, protocols, and the OSI model. Interactive sessions and simulations helped solidify these concepts.
   Advanced Networking Technologies: Here, we explored more complex networking topics, such as routing, switching, and wireless networking. This module was particularly interesting as it showcased the latest advancements in networking technology. Hands-on Projects, Mentorship and Support, Networking Opportunities, Completion and Certification.

🖼 Projects:

1. **Plant and Crop Disease Detection**
   Tools: Python, TensorFlow, Deep Learning, OpenCV, PIL, MongoDB, Streamlit
   Developed and implemented a deep learning model to accurately detect and diagnose plant and crop diseases from images, aiming to reduce crop loss and improve agricultural productivity.
   Responsibilities:
   - Collected and pre-processed large datasets of plant images, incorporating data augmentation techniques to enhance model robustness and performance.
   - Designed and trained CNN models to classify images of plants and detect diseases with high accuracy.
   - Fine-tuned models using transfer learning, leveraging pre-trained models to optimize performance and reduce training time.
   - Validated the model with real-world data, achieving good accuracy and demonstrating practical applicability in agricultural settings.
   - Deployed the solution using streamlit python library, ensuring scalability and accessibility for farmers and agricultural stakeholders.
   - Collaborated with agricultural experts to tailor the model to address critical disease identification needs.
   - GitHub Link - https://github.com/Shubham55326/plantdiseasestreamlit
   - Web App Link - https://plantdiseaseapp-hzdhpmelv8opbc97yplzwu.streamlit.app

2. **Resume Parser**
   Tools: Python, SpaCy, NLTK, MySQL, Streamlit
   Developed a Resume Parser web application using Django and Natural Language Processing (NLP) techniques to automate the extraction of relevant information from resumes. The application analyses resume content to identify and categorize key details such as personal information, education, skills, and work experience, providing a structured output for easy integration with recruitment systems.
   Responsibilities:
   - Integrated NLP libraries (e.g., spaCy, NLTK) to process and extract information from resumes.
   - Developed algorithms to identify and categorize personal information, education, skills, and work experience.
   - Created a user-friendly interface for uploading and managing resumes.
   - Ensured data security and privacy compliance in handling sensitive information.
   - Conducted extensive testing to validate the accuracy and efficiency of the parsing functionality.
   - GitHub Link – https://github.com/Shubham55326/Resume-Parser

🧠 Skills:

1. **Technical Skills**
   1. Python
   2. MySQL
   3. MongoDB
   4. Machine Learning
   5. Deep Learning
   6. Natural Language Processing

2. **Soft Skills**
   1. Analytical
   2. Adaptable
   3. Teamwork
   4. Time Management
   5. Continuous Learning
   6. Collaborator

⚲ Certification:

1. Python for Data Science, AI and Development, IBM, Coursera
2. Database Management System, Infosys Springboard
3. Networking Essentials, CISCO
4. Machine Learning & Pattern Recognition, Samatrix.io
5. Deep Learning, Samatrix.io