Sharanya Purella

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OBJECTIVE

To learn and gain new experience while utilizing my interpersonal skills to help achieve business goals. Excellent analytical and developmental skills for a software engineer role. Looking to work for a dynamic organization with opportunities for career growth. Quick learner and problem solver.

SKILLS AND INTERESTS

Programming Languages	Java, Python
Frontend Technologies	HTML, CSS, Java script
Database	SQL
Version Control System	Git, GitHub
Soft Skills	Critical thinking, Data-driven decision making, Project ownership

EDUCATION

Vignan's Institute of Management and Technology for women, Hyderabad	2022-2026
Bachelors of Engineering in Computer Engineering	
Alphores Junior College, Mancherial	2020-2022
Intermediate (XII - MPC)	
Govt High School, Old Mancherial	2019-2020
Secondary School of Education (SSC)	

Experience

Data Science Intern	Sep 2024 – Oct 2024

Completed an industrial internship in Data Science, gaining hands-on experience in data analysis, preprocessing, and visualization. Worked with real-world datasets to extract meaningful insights using statistical and machine learning techniques. Developed a strong understanding of data-driven problem solving, model evaluation, and practical applications of data science concepts in industry-oriented projects.

CERTIFICATIONS

- **IBM Skill Build**: Learned AI basics, machine learning and neural networks
- **Power BI:** Create interactive dashboards using Power BI
- **Edu-versity:** Official academic certificates awarded by universities upon the completion of a course, program.

PROJECTS

A Novel Medical Image Encryption Scheme Based on AI Feature Encoding and Decoding

- Developed a novel medical image encryption and decryption system using AI-based feature encoding and decoding to ensure secure transmission and storage of sensitive medical data. The approach leverages intelligent feature extraction to enhance confidentiality and robustness against common image-based and cryptographic attacks, while maintaining high accuracy and efficiency suitable for real-world medical applications.

Travel Planner Website (MERN)

- Developed a full-stack Travel Planner website using the MERN stack (MongoDB, Express.js, React.js, Node.js) that allows users to plan, organize, and manage trips efficiently. The platform includes user authentication, destination management, itinerary creation, and real-time data handling, providing a responsive and user-friendly travel planning experience.

HOBBIES AND INTEREST

- Watching TEDx
- Travelling and exploring new places
- Learning new technologies
- Reading Books