SHARIKA M

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in http://linkedin.com/in/sharika-m

OBJECTIVE

Seeking a challenging role in a dynamic firm to apply my expertise in Full Stack Development, leveraging .NET and React to build scalable, efficient, and user-friendly applications. I am a motivated problem solver with strong communication, teamwork, and leadership abilities, eager to contribute to innovative and impactful projects.

EDUCATION

- **Bachelor of Engineering:** Sapthagiri College of Engineering | Year of Passing: 2025| CGPA: 9.0
- **12th, STATE:** St. Claret PU College | 91.6%
- **10th, STATE:** St. Claret School | 91.2%

PROJECTS

MATERNAL HEALTH CARE

- Objective: To leverage machine learning techniques to improve maternal health outcomes by enhancing prediction, diagnosis, and treatment planning.
- Methodology: Data collection, Feature Engineering, Model Selection and Training, Deployment and Monitoring
- Outcome: The integration of machine learning in maternal health care optimizes decision-making and elevates the quality of care for mothers and babies.

LANE DETECTION USING OPENCV

- Objective: To develop a robust and efficient algorithm using OpenCV to accurately identify lane markings in real-time driving scenarios.
- Methodology: Image Preprocessing, Region of interest, Color Thresholding, Hough Transform, Lane Fitting, Error Handling
- Outcome: Lane detection using OpenCV can significantly improve road safety and enhance autonomous driving capabilities.

DIGITAL BOOKSTORE MANAGEMENT SYSTEM

- Objective: To develop a digital bookstore management system that streamlines book inventory, sales, and user interactions using C# and .NET framework.
- Methodology: Implemented a web API for seamless communication, integrated an SQL database for efficient data handling, and designed an intuitive user interface for smooth operations.
- Outcome: Delivered a robust system with optimized database queries, secure transactions, and enhanced user experience, improving overall bookstore management efficiency.

INTERNSHIPS

- **Predict Fracture or not using KNN-Machine Learning (Karunadu Technologies Private Limited)**
  - ➤ This model can help identify individuals at high risk of fractures, enabling early intervention and improved patient outcomes.
- **My Own Internet:** I have successfully implemented innovative solutions and collaborated effectively with cross-functional teams, demonstrating my strong problem-solving and teamwork skills.

TECHNICAL SKILLS

- C sharp, Python, HTML, SQL, React

LINGUISTIC SKILLS

- English • Hindi
- Kannda • Telugu

KEY STRENGTHS

- Leadership
- Time Management
- Creativity
- Teamwork