S.Priyavarshini

Chennai, India
Pvarshini0529@gmail.com +91 9940272389
Github: https://github.com/chikuprincess
Linkedin: https://www.linkedin.com/in/priya-varshini-861216269/

SUMMARY

Enthusiastic Full Stack Developer with a strong foundation in Python and the MERN stack, combined with academic experience in Artificial Intelligence (AI) and Data Science (DS). Passionate about building scalable web applications, real-time systems, and data-driven solutions. Skilled in front-end and back-end development, with hands-on experience in designing and optimizing robust applications. Adept at leveraging modern frameworks and technologies to create seamless user experiences. Always eager to learn and apply cutting-edge advancements in AI and full-stack development.

CERTIFICATIONS

- Certified Cybersecurity and Privacy | NPTEL | 2023
- AZURE Certification | ICT Academy | 2024
- Full Stack Development | GUVI | 2024
- MongoDB | 2024

SKILLS

- Languages: Python, HTML, CSS,Javascript
- Frameworks/Libraries: React, Node.js
- Databases: MongoDB, MySQL
- Tools: Tailwind CSS

PROJECTS

Recipe sharing Application
Developed a scalable recipe-sharing platform using React, Node.js, and MongoDB, featuring user authentication, recipe categorization, and search functionality for a seamless experience. Optimized database queries to improve performance and reduce response time.

Tools Used: React, Node.js, and MongoDB

Link: https://github.com/chikuprincess/MERN_Recipe_App_YouTube-main

Movie Searching Website:
Developed a dynamic movie search application using React.js, integrating an API to fetch and display movie details with a responsive UI. Implemented search functionality with real-time filtering for an enhanced user experience.

Tools Used: React.js, TMDb API (or any movie API), Axios, CSS, JavaScript

Link: https://github.com/chikuprincess/moviesearching1

Smart Traffic Analyser:
Built a real-time traffic monitoring system using OpenCV and Python for vehicle classification**,** helmet detection, number plate recognition**,** and speed measurement. Integrated computer vision and machine learning for accurate enforcement.
Tools Used: Python, OpenCV, TensorFlow/PyTorch, NumPy, Pandas, YOLO (for object detection)

EXPERIENCE

AI&ML Intern
TANSAM TidelPark, Chennai, India June 2023 – July 2023
· Developed a Smart Traffic Analyzer using OpenCV and Python, capable of classifying vehicles, detecting helmet and non-helmet riders, recognizing number plates, and measuring the speed of vehicles using real- time camera input.
· Implemented computer vision techniques to enhance accuracy and efficiency in traffic monitoring.
· Integrated machine learning models for automated detection and classification, improving road safety and law enforcement.

EDUCATION

Bachelor of Technology In Artificial Inteligence And Data Science
Meenakshi Sundararajan Engineering College, India Graduated 2025

- GPA: 8.5/10
- Relevant Coursework: Web Development, Database Systems,Artificial Inteligence.