RITHISH K

B.E CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

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ABOUT ME

Computer Science Engineering student with a strong interest in programming, Artificial Intelligence, and web development. Actively builds real-world projects to strengthen technical knowledge and problem-solving skills. Curious and self-motivated, with a passion for learning new technologies and exploring innovative ideas. Demonstrates adaptability, discipline, and consistency while applying theoretical concepts to practical applications and creating efficient, user-focused solutions through continuous learning and hands-on experience.

EDUCATION

SREE DHARMASASTHA MATRIC.HR.SEC.SCHOOL   2022-2024
Computer Science & Mathematics

KGISL INSTITUTE OF TECHNOLGY   2024-2028
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SKILL

- Programming: Python, JavaScript, HTML, CSS
- AI / ML: Machine Learning, Computer Vision, NLP
- Frameworks & Tools: OpenCV, Flask (basic), Git, GitHub
- Professional Skills: Problem Solving, Debugging, Logical Thinking
- Web Development: Frontend UI, REST basics
- Communication

PROJECTS

Online Voting System

Python
- Developed a secure web-based voting platform with email verification
- Enabled candidate management and real-time result tracking

Smart Attendance System (Face Recognition)

Python, OpenCV
- Automated attendance using facial recognition
- Reduced manual effort and improved accuracy

Virtual Mouse Using Computer Vision

Python, OpenCV
- Controlled mouse cursor using hand gestures
- Implemented real-time gesture recognition

AI College Chatbot
Python, NLP
- Built an AI-powered chatbot to assist college-related queries
- Simulated intelligent conversation using NLP techniques

Fake News Detection System

Python, Machine Learning
- Classified news articles as real or fake using text analysis
- Applied NLP and ML models for prediction

Game Development Projects

Python / JavaScript
- Pong Game, Tower Defense Game, Car Racing Game, Maze & Snake Games(BFS & DFS Cocepts)
- Implemented game logic, collision detection, and user interaction

CERTIFICATIONS

- **MangoDB**
- **Computer Vision -Future skills**
- **Full Stack Development -Google**
- **DATA ANALYSIS WITH MICROSOFT EXCEL**
- **AWS Foundations – Coursera**
- **Machine Learning - SkillUP**
- **Data Analytics with Python**
- **Programming in C**

INTERESTS

- **Working on real-world software projects**
- **Exploring Artificial intelligence and Machine learning**
- **Learning new programming technologies**
- **Solving logical and algorithmic problems**
- **Building interactive applications**