Ayaan Gopal Ray

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PROFILE

Third year AIML student with hands-on software development experience in Python, as well as web development experience in HTML/CSS and Javascript. Familiar with core AI concepts, data structures and machine learning algorithms. Eager to apply technical skills and collaborative mindset to impactful projects.

KEY COMPETENCIES

Strong interpersonal skills
Critical thinking skills
Excellent communication skills
Proactive and self-motivated

RELEVANT PROJECTS AND EXPERIENCE

Disease Prediction Application using Data Mining & Machine Learning

Developed a proof-of-concept Python application for medical diagnosis based on given symptoms, implemented with the decision tree machine learning algorithm applied on a sample dataset.

Timetable Management System (TMS)

Developed a timetable management system for creating and maintaining schedules for educational institutions, such as schools, colleges, and universities through an online portal, streamlining the process of scheduling courses, lectures, examinations, and other events for educational institutions. Implemented using HTML/CSS/Javascript and PHP.

Silo Monitoring System

Developed a system for maintaining optimal storage conditions inside silos using Arduino Uno R3 and various sensors, including the DHT11 Temperature and Humidity sensor, MQ2 gas sensor, HC-SR04 ultrasonic sound sensor, HC-05 Bluetooth module, and an LCD display. This project addressed challenges like temperature variations, moisture ingress, and pest infestations, aiming to prevent spoilage and financial losses for farmers and storage facility operators.

EDUCATION & CERTIFICATIONS

Diploma in Computer Science and Technology (2020-2023)
Techno India Main Salt Lake
CGPA: 8.8

Bachelor of Technology in Artificial Intelligence and Machine Learning (2023-present)
Netaji Subhash Engineering College

Google IT Support Professional Certificate (2023)
Coursera