Atharva Kaplay

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Education

Acropolis Institute Of Research and Technology, Indore   **2024 - 2028**

B.Tech. in Computer Science & Engineering

CGPA: 7.61

Shri Ram Centennial School, Indore   **2024**

Class 12th CBSE Board with 79%

Technical Skills

HTML, CSS, Python, C, C++, MySQL, Git, GitHub, IoT, Robotics, RaspberryPi, Arduino, Linux

Projects

IoT-Based Fire Safety Device   **Dec 2024**

1st Position - Electronics Gadget Making, Tech-O-Tsav (Annual Tech Fest), AITR
- Developed an autonomous fire safety system using ESP32, DHT11 sensor, and Blynk IoT Cloud.
- Enabled real-time temperature monitoring and automatic water sprinkling during fire hazards.
- Showcased a practical IoT-based smart safety solution.

IoT-Based Smart Farming System   **Nov 2024**

1st Place, Chemagination Event – Department of Chemistry, AITR
- Developed an ESP32-based IoT system for automated farming.
- Integrated soil moisture and temperature sensors (DHT11) for real-time monitoring.
- Built an Android app for remote irrigation control with Firebase-backend data management.
- Focused on sustainable agriculture through technology-driven solutions.

IoT & RFID-Based Smart Security System   **Nov 2022 - Jan 2023**

State-Level Finalist, INSPIRE Awards 2022 – Department of Science and Technology, Government of India
- Designed an RFID and IoT-based (ESP8266 + Google Sheets) security system for lockers and safes.
- Implemented real-time credential logging with time-stamped entries and GSM-based intrusion alerts.
- Enabled automated phone call notifications for enhanced remote security monitoring.

Experience

Fresher

Certifications

NPTEL   **Jan-Apr 2025**

Introduction to Internet of Things

Robozz Lab, Indore   **May 2019**

Basic Robotics & Embedded Systems