

Atharva Kaplay

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Education

Acropolis Institute Of Research and Technology, Indore

2024 - 2028

B.Tech. in Computer Science & Engineering

CGPA: —

Shri Ram Centennial School, Indore

2024

Class 12th CBSE Board with 87%

Technical Skills

HTML, CSS, Python, C, C++, Git, GitHub, IoT, Robotics, 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

RoboZZ Lab, Indore

May 2019

Basic Robotics & Embedded Systems