

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

Web Dev: HTML, CSS

Languages: C, C++, Python

DB: MySQL, Firebase

Tools: Git, GitHub, VScode

Linux: Ubuntu, Debian

Robotics & IoT: Arduino, ESP, RaspberryPi

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