

# Atharva Kaplay

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## Education

**Acropolis Institute Of Research and Technology, Indore**  
B.Tech. in Computer Science & Engineering

**2024 - 2028** (3<sup>rd</sup> Sem)  
CGPA: 7.61

**Shri Ram Centennial School, Indore**  
Central Board of Secondary Education

**2024** (Class 12<sup>th</sup>)  
Percentage: 79%

## Technical Skills

**Web Dev:** HTML, CSS, JS

**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** [GitHub Link](#)

**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** [GitHub Link](#)

**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** [GitHub Link](#)

**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*