Aditya Kesari

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EDUCATION

Ryan International School| **Year 2019**
10th score- 81%

Ryan International School| **Year 2021**
12th score- 79%

NIET Greater Noida|
Year 2021-25
B-Tech CSE-Iot

SKILLS

- Communication
- Problem Solving
- Web Development
- AI&ML
- Python & C
- Data analysis and visualization
- Cloud Computing
- UX/UI Design
- Embedded Systems
- Game Development

AWARDS

March 2024
Hackathon2.0|
Fore School of Management
5th place in innovation technology

November 2023
Hack X NIET | NIET

Greater Noida
4th place in rural education app development

EXPERIENCE

Project Leader

2022 - 2023

- Implemented IoT connectivity for remote access and management.
- Coordinated tasks and ensured project milestones were met on schedule.
- Conducted testing and troubleshooting to ensure system reliability.

Research paper

2024 – 2025

- This paper explores how firmware updates can be delivered wirelessly to embedded devices using Over-the-Air methods.
- It states challenges, security risk for ensuring reliable updates.
- https://doi.org/10.22214/ijraset.2025.69655

PROJECTS

HireCraft

2023 - 2024

- Attention Monitoring: AI analyzes camera feed to assess student engagement and attention during lectures or study sessions.
- Real-time Feedback: Provides instant feedback on student behavior and focus levels. Security and Privacy: Ensures data security and privacy compliance with camera usage through robust encryption and access controls.

Home Automation

2022 - 2023

- Integration with Smart Home Systems: Compatibility with smart home platforms like Alexa, Google Home, or Apple HomeKit for voice control and automation scheduling. Security Enhancement:
- Simulates occupancy by opening and closing curtains, enhancing home security.

CERTIFICATIONS

- Introduction to Artificial Intelligence (AI)
- Introduction to Web Development with HTML, CSS, JavaScript
- The Arduino Platform and C Programming