

KRISHNA AGARWAL

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OBJECTIVE

Electronics and Communication Engineering student with a keen interest in secure and smart technology development. Passionate about exploring real-world applications in energy systems, automation, and emerging technologies. Eager to learn, grow, and contribute to innovative projects through a blend of creativity and problem-solving.

ACADEMIC CREDENTIALS

Arya College Of Engineering &It (Jaipur)

- BTech in Electronics And Communication Engineering | CGPA : 8.4(till 5th sem)

JRM International School (Agra)

- CBSE (Class *XII*) , Aggregate: 65%

St.Peter's College Agra (Agra)

- ICSE (Class *X*) , Aggregate: 86%

TECHNICAL SKILLS

C | Java | HTML | Data Structure | Arduino | Proteus

INTERSHIP

INTERN | INTERNPE

JULY 08, 2024 TO AUGUST 04, 2024

- Completed a comprehensive internship at Slash Mark, focusing on DSA(C++) Programming.
- Developed efficient data structures and algorithms in C++ to solve complex programming challenges, enhancing problem-solving skills and code optimization techniques.

INTERNSHIP PROGRAM | RINEX

JANUARY 05,2024 TO FEBRUARY 23, 2024

- Completed an IoT and Robotics internship focused on sensor integration, microcontroller programming, and real-time data monitoring.
- Gained practical experience by building project prototypes involving automation, wireless communication, and embedded systems under industry mentorship.

PROJECTS

• Home Automation System

Technologies: Arduino, C/C++, IoT Sensors, Bluetooth Module

- Designed and implemented a smart home automation system to control lights and appliances remotely using sensors and Bluetooth communication.
- Integrated temperature and motion sensors for intelligent control and energy efficiency in the home environment.
- Programmed microcontroller logic in C/C++ for responsive device switching and real-time status feedback.

- **Simple Chat Application**

Technologies: Java, Socket Programming

- Developed a real-time text-based chat system using Java sockets for client-server communication.
- Implemented basic message broadcasting and user session management across multiple clients.
- Ensured stable data transmission and handling of network exceptions to maintain uninterrupted chat flow.

CERTIFICATION

- **ETHICAL HACKING – NPTEL (IIT Certified)**
Course ID: NPTEL24CS94S354000184
- **Google cloud**
- **IBM -INTRODUCTION TO DevOps[coursera]**
- **Nestle E-learning 2025[Sustainablity]**

LANGUAGE

- English
- Hindi