

Payal Nagar

CSE- Internet of Things

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Profile Summary

Seeking a position in an organization to efficiently contribute and polish my skills and abilities for the growth of the organization and build my professional career.

Education

Bachelor of Technology(2022-2026)

Sagar Institute of Science, Technology & Engineering, Bhopal - MP

CSE- Internet of Things

Current CGPA: **7.75**

Senior Secondary (2022)

Govt Higher Secondary School, Bhopal-M.P.

77.2% | State Board

High School (2020)

Govt High Secondary School, Bhopal - M.P.

87.78 % | State Board

Key Technical Skills

- Embedded System
- C language
- Python
- Php/SQL
- HTML/CSS
- Data Structure

Projects

Title: Smart Irrigation System

Technology:MicroPython, ESP32, Firebase

Contributed to a team effort in developing a Smart Irrigation System using IoT. Integrated soil moisture sensors, water pumps, and actuators for automated irrigation. Assisted in network setup using ESP32 and Firebase for real-time data synchronization. Contributed to Web enabling farmers to monitor moisture levels and control irrigation remotely. Enhanced user experience with real-time alerts and recommendations for

efficient water management. Played a key role in system integration and deployment for a comprehensive smart farming solution.

Certifications& Trainings

- Completed an online certified course on Relational Databases and SQL from CognitiveAI Class(IBM).
- Received a certification from IJRSET for the research paper "Secure Middleware for the Internet of Things: A Comprehensive Survey and Review of Security Issues."

Co-Curricular Activities & Accolades

- Currently serving as the Branch Coordinator of the IoT branch, leading initiatives, organizing events, and fostering innovation in IoT technologies.
- I selected for the state-level kabaddi team.
- Participate in college-level coding competitions.

Interpersonal Skills

- Team Work
- Quick Learner

Hobbies

- Dancing
- Sports