

Akash Verma

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SKILLS SUMMARY

- **Languages:** C, C++, R
- **Frameworks:** HTML and CSS
- **Tools/Platforms:** MySQL

INTERNSHIP

- **Saksham NGO | Tanda, Uttar Pradesh** July-2023
Data Entry Intern
 - Worked closely with the NGO team to understand and efficiently manage their data, contributed to organize data systematically and making it easy to accessible for analysis and reporting. Successfully met project deadlines, showcasing effective time management.

PROJECTS

- **Home Automation** May-2024
Domain: Internet of things (IOT)
Tech: ESP32, Python, and IoT-components
Developed a prototype for home automation integrating multiple functionalities: automatic door opening upon vehicle entry/exit, temperature-triggered ventilation, gas leak detection with immediate alerts, and fire detection with automatic pump activation. All notifications sent directly to the homeowner's phone, ensuring safety, energy efficiency, and affordability.
- **Smart Polyhouse monitoring system** April-2024
Domain: Internet of things (IOT)
Tech: NodeMCU ESP8266, C, and IoT-components
Developed a comprehensive Poly House monitoring system, integrating real-time data on temperature, humidity, soil moisture, pH, and fertilizer levels. Enabled direct transmission of data to farmers' phones for informed decision-making, enhancing plant care efficiency and simplifying agricultural management.
- **Hostel vs Pg rent Dashboard** March-2024
Domain: Data Science
Tech: Data collection, data pre-processing, data analysis and R-language
I collected data for comparison between hostel fees and PG accommodations, collecting data from various hostels and PGs to ascertain which option offers greater comfort within a specified price range, as well as which provides more facilities and security for our students.
- **Personal portfolio** Oct - 2023
Domain: Web development
Tech: HTML, CSS, and Java-Script
Developed a website to showcase expertise and achievements in one place, it allows you to present your work in a style that best meets your objectives, and it provides a venue for a global audience to view your work.

ACHIEVEMENTS

- Working as NSS executive. Jan-2024
As an NSS executive at my college, I actively engage in community service initiatives, coordinating events and projects aimed at social welfare and development. Through leadership and teamwork.

CERTIFICATIONS

- Data Visualization with R | Cognitive.ai | April '24
- Data Science Basics | Cognitive.ai | Feb '24
- HTML, CSS & JavaScript | Coursera | Sep '23
- C & C++ | Coursera | Nov'22

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Computer Application - CGPA: 7.23 Since Aug 2022
- **DR. A.K public School** Akbarpur, UP
Higher Secondary – 75% April 2021 - March 2022
- **Radiant central academy** Jalalpur, UP
Secondary school – 80 % April 2019 - March 2020