

Alankar Sharma

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EXPERIENCE

Photographer

December 2024 – Present

Freelance / RSH Photography / Tunu Digital Studio / Self-Employed

- As a Photographer, I specialized in capturing high-quality images for events, portraits, and product shoots.

Hardware Developer

November 2023 - July 2024

RS Smart Hut Keep Smart Be Smart.

- As a Hardware Developer at RS Smart Hut, where I designed and tested smart home automation systems. My work included circuit design, PCB layout, integrating sensors and microcontrollers (such as Arduino/ESP32).

Hardware intern

Aguste 2023 - October 2023

RS Smart Hut Keep Smart Be Smart

- As a Hardware Intern at RS Smart Hut, I assisted in assembling, testing, and troubleshooting hardware. I performed diagnostics, reviewed circuit designs, and managed technical documentation..

EDUCATION

Bachelor of Computer Applications

August 2022 - May 2025

Institute of Technology and Management (ITM University), Gwalior.

High School (10th) & Higher Secondary (12th)

High Secondary School (12th) 2021 - 2022

Higher School (10th) 2020 - 2021

Arun Higher Secondary School

PROJECTS

• Smart Switch IOT Project:

Designed and implemented a smart switch system using IOT technology to remotely control appliances via a mobile app. Integrated Raspberry Pi and Arduino to enable real-time monitoring and control over Wi-Fi networks.

• Wi-Fi Phishing:

Developed a Wi-Fi phishing system to simulate real-world cyber-attack scenarios for educational purposes, emphasizing the importance of cybersecurity awareness and prevention measures.

• Live Website Development:

Contributed to the development and maintenance of a live website, enhancing its functionality and user experience. Worked with technologies like React, PHP, and SQL for seamless front-end and back-end integration.

SKILLS

- Expertise in designing and creating IOT devices, integrating hardware and software for seamless functionality.
- Proficient in developing software solutions using AI technologies to enhance system capabilities.
- Skilled in designing circuits and transforming them into fully functional PCBs.
- Successfully developed various hardware devices that are easily controlled through IOT and software interfaces.
- Ability to seamlessly manage and integrate tasks across hardware, software, IOT, and circuit design, ensuring efficient and cohesive project execution.

- Moderate Knowledge of C, C++, Java, PHP, Python, HTML, CSS.

LANGUAGES

HTML	75%
CSS	55%
JavaScript	50%
C / C++	50%
PHP	50%
Python	60%
React	40%

TOOLS

Visual Studio Code (VS Code)	80%
Kali Linux	50%
Arduino	70%
ESP32	60%
Raspberry Pi	60%
Arduino IDE	80%
Arduino Droid	60%