

# LAKSHITA SAH

Ranikhet, Uttarakhand (263645)

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## Education

### Bipin Tripathi Kumaon Institute of Technology

*Bachelor of Technology in Electronics and Communication Engineering*

**Oct 2022 – Aug 2026**

*Dwarahat, Uttarakhand*

### Government Modern Girls Inter College (GMGIC), Ranikhet

*Intermediate (PCM)*

**Apr 2020 – Mar 2022**

*Ranikhet, Uttarakhand*

## Experience / Internships

### ARC Global Intern

*Gained hands on experiance*

- Focusing on Drones Technology , Telecom, and E-vehicles Basics . Experienced with drone components (motors, ESCs, flight controllers, GPS, transmitters) and EV systems (BMS, BSPD).

**July - August 2025**

*(Noida, Uttar Pradesh)*

### Intern

*Bharat Sanchar Nigam Limited (BSNL)*

- Gained exposure to telecom switching systems, broadband infrastructure, and optical fiber network .

**January - February 2025**

*(Ranikhet , Uttarakhand)*

### Intern

*Power Transmission Corporation of Uttarakhand Ltd. (PTCUL)*

- Studied substation components and observed real-time grid operations and safety protocols.

**July - August 2024**

*(Tarikhet , Uttarakhand)*

### Intern

*Uttarakhand Power Corporation Limited (UPCL)*

- Learned about power distribution systems and energy metering technologies.

**June - July 2023**

*(Ranikhet , Uttarakhand)*

## Projects

### Smart Traffic Light Simulation | *Arduino UNO*

- Used Arduino, LEDs, and buzzer to simulate real-time traffic control.
- Showcased embedded systems and hardware logic skills.

**March 2025**

### Sales Dashboard | *Excel / Power BI*

- Created interactive dashboard with slicers, charts, and conditional formatting.
- Developed knowledge of Data analysis , visualization .

**February 2025**

### Python Mini Projects | *Python*

- Built games and tools: Tic Tac Toe, Guess the Number, Digital Clock, etc.
- Enhanced programming logic and Python basics.

**December 2024**

### Food Delivery App UI Design | *Figma*

- Designed onboarding screens focusing on usability and aesthetic layout.
- Prioritized mobile responsiveness and better user experiance .

**October 2024**

## Technical Skills

**Languages:** HTML, CSS , SQL, PostgreSQL , Python , C++

**Tools / Platforms:** GitHub, VS Code , Figma , Power BI, Tableau Public, Tinkercad, KiCad, MATLAB(Simulink), Arduino IDE

**Domains / Concepts :** UI/UX , DBMS (Basics) , Embedded Systems, VLSI (Basics), Drone Technology , E-Vehicle

## CERTIFICATIONS

- Data Analytics (Udemy) - SQL ,Tableau , Excel, Python , Power BI
- Embedded Systems Essentials (Corizo)– Worked on microcontroller-based systems using Arduino

## Leadership / Extracurricular Activities

**Oct 2022 – Present**

*BTKIT , Dwarahat*

- NCC Cadet – Developing discipline, leadership qualities, and team coordination.
- Class Representative (CR) – Successfully served as Class Representative for three consecutive years
- Volunteer for College Events – Contributed as a volunteer and coordinator during college tech fests and cultural programs
- Stage Performer – Actively participated in college and school functions through mimicry, acting, and dance
- Multi-Sport Enthusiast – Represented in various sports including cricket, kabaddi, badminton, and carrom
- Palm Reading (Hobbyist) – Engages in palmistry as a unique social hobby