

# LAKSHITA SAH

Ranikhet, Uttarakhand (263645)

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## Education

<b>Bipin Tripathi Kumaon Institute of Technology</b> <i>Bachelor of Technology in Electronics and Communication Engineering</i>	<b>Oct 2022 – Aug 2026</b> <i>Dwarahat, Uttarakhand</i>
<b>Government Modern Girls Inter College (GMGIC), Ranikhet</b> <i>Intermediate (PCM)</i>	<b>Apr 2020 – Mar 2022</b> <i>Ranikhet, Uttarakhand</i>

## Experience / Internships

<b>ARC Global Intern</b> <i>Gained hands on experiance</i>	<b>July - August 2025</b> <i>(Noida, Uttar Pradesh)</i>
• Focusing on Drones Technology , Telecom, and E-vehicles Basics . Experienced with drone components (motors, ESCs, flight controllers, GPS, transmitters) and EV systems (BMS, BSPD).	
<b>Intern</b> <i>Bharat Sanchar Nigam Limited (BSNL)</i>	<b>January - February 2025</b> <i>(Ranikhet , Uttarakhand)</i>
• Gained exposure to telecom switching systems, broadband infrastructure, and optical fiber network .	
<b>Intern</b> <i>Power Transmission Corporation of Uttarakhand Ltd. (PTCUL)</i>	<b>July - August 2024</b> <i>(Tarikhet , Uttarakhand)</i>
• Studied substation components and observed real-time grid operations and safety protocols.	
<b>Intern</b> <i>Uttarakhand Power Corporation Limited (UPCL)</i>	<b>June - July 2023</b> <i>(Ranikhet , Uttarakhand)</i>
• Learned about power distribution systems and energy metering technologies.	

## Projects

<b>Smart Traffic Light Simulation   Arduino UNO</b>	<b>March 2025</b>
• Used Arduino, LEDs, and buzzer to simulate real-time traffic control.	
• Showcased embedded systems and hardware logic skills.	
<b>Sales Dashboard   Excel / Power BI</b>	<b>February 2025</b>
• Created interactive dashboard with slicers, charts, and conditional formatting.	
• Devloped knowledge of Data analysis , visualization .	
<b>Python Mini Projects   Python</b>	<b>December 2024</b>
• Built games and tools: Tic Tac Toe, Guess the Number, Digital Clock, etc.	
• Enhanced programming logic and Python basics.	
<b>Food Delivery App UI Design   Figma</b>	<b>October 2024</b>
• Designed onboarding screens focusing on usability and aesthetic layout.	
• Prioritized mobile responsiveness and better user experiance .	

## 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

<b>NCC Cadet</b> – Developing discipline, leadership qualities, and team coordination.	<b>Oct 2022 – Present</b> <i>BTKIT , Dwarahat</i>
<b>Class Representative (CR)</b> – Successfully served as Class Representative for three consecutive years	
<b>Volunteer for College Events</b> – Contributed as a volunteer and coordinator during college tech fests and cultural programs	
<b>Stage Performer</b> – Actively participated in college and school functions through mimicry, acting, and dance	
<b>Multi-Sport Enthusiast</b> – Represented in various sports including cricket, kabaddi, badminton, and carrom	
<b>Palm Reading (Hobbyist)</b> – Engages in palmistry as a unique social hobby	