

SAPANA BHARATI

ACADEMIC PROFILE			
Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Electrical Engineering IIT (BHU), Varanasi	7.13	2027
UP (XII)	Ashok Inter College Baburi Chandauli UP	81.40	2022
UP (X)	Bharatia Inter College Bharuhiya Chandauli UP	87.80	2020
SKILLS			
<ul style="list-style-type: none">• Programming Language: C, C++, HTML, CSS, Javascript• Tools and Technologies: Canva, Visual Studio Code• Soft skills: Leadership, Teamwork, Adaptability• Areas of Interest: Data Structures and Algorithms, Web Development, Competitive Programming			
PROJECTS			
Personal Portfolio Website		May'25 - Jun'25	
<i>Self-initiated Project</i>			
<ul style="list-style-type: none">• Developed a fully responsive personal portfolio website usingHTML, CSS and JavaScript.• Designed intuitive UI and seamless navigation to present academic projects, resume, and skills.• Hosted live on GitHub Pages with a custom domain and optimized for SEO and mobile performance.• Added interactive JavaScript components to improve user experience.			
Operation and Simulation of BLDC MOTOR		Jan'25 - Apr'25	
<i>Exploratory Project: under Dr. N.K. Naidu</i>			
<ul style="list-style-type: none">• Designed a Three Phase Inverter using six MOSFET which converts DC input into a three phase AC output to energize the stator windings on MATLAB(Simulink)• design a commutation logic for how bldc motor starts• Created a Simulink model which provides the control algorithm that control a BLDC motor at different speeds and simulate motor response, the model consists subsystems such as three-phase inverter, commutation logic, sensor and PI-controller			
POSITION OF RESPONSIBILITY			
Skit Mentor Aagman'24, Masquerades Club, IIT(BHU)		Sep'24 - Oct'24	
<ul style="list-style-type: none">• Mentored students for developing their skills in acting under Aagman'24 an Intra Freshers Cultural Event.• Team secured the First Runner-Up position in the skit competition.			
Hospitality Executive Spardha'24 IIT(BHU)		Oct'24 - Nov'24	
<ul style="list-style-type: none">• Managed accommodation and logistics for participants during Spardha'24, Sports Event IIT(BHU) as Hospitality Executive.• Ensured smooth coordination and timely support to the participants who come to attend the event.			
HONOURS AND ACHIEVEMENTS			
Semi-finalist Google India Girls Hackathon 2025			
<ul style="list-style-type: none">• It was national- level hackathon organized byGoogle for all Girls across India.• Selected among top participants nationwide for innovative problem-solving and technical skills.			
EXTRA-CURRICULAR ACTIVITIES			
<ul style="list-style-type: none">• Participated as a Delegate in the committeeAIPPM at IIT BHU MUN'23.• First Runner Up at IMC(Indian Music Club) Group Performance under Aagman'23.• First Position in Inter Departmental Skit Competition under Aagman'23.• Participated in the Online Assessment of Flipkart Runway Season 5 , a national-level program organized by Flipkart for women students across India.			

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