



Piyush Kumar

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<https://github.com/Piyush171104>

Technical Skills: Java, HTML, CSS, JavaScript, ReactJS, SQL, Catia, Fusion 360, STK etc.

Certification:

- VITyarthi Certification of Python and Fundamentals of AI and ML.
- Completed Agnirva Space Internship program.
- Completed STK Software Course.

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (Aerospace)	Aug 22 –Ongoing	Vellore Institute of Technology University, Bhopal	8.03/10
Class XII	June 22	Modern Vidya Niketan, Faridabad, Haryana	75%
Class X	June 20	St. Columbus School, Faridabad, Haryana	88%
ACADEMIC PROJECTS			
Front end	<ul style="list-style-type: none">▪ Blockchain Club Website<ul style="list-style-type: none">- Description: -Designed and developed an engaging and dynamic frontend for the blockchain club's website, utilizing modern web technologies to create a bright and enthusiastic user interface.- Technology: HTML, CSS, JavaScript- Role: Front End Developer- Link: https://github.com/Piyush171104/BlockChain_VITB_Official		
Front end	<ul style="list-style-type: none">▪ Crypto-Quest Webpage<ul style="list-style-type: none">- Description: Developed front-end webpage for organizing a quiz in the university. The webpage was immersive and engaging. It was developed using JavaScript.HTML and CSS.- Team Project: 3- Role: Frontend Developer- Link: https://github.com/Piyush171104/Crypto_Quest		
CAD/CAM	<ul style="list-style-type: none">● Fusion-360 and STK<ul style="list-style-type: none">-Description:- Developed various models and designs of Aircraft Structures and propulsion systems aswell as a variety of models of drones using futuristic ideas. Such as:- Quadcopter, Drone Chassis, Folding Drone, UAV Frame, Palm Size Drone etc.		

INTERNSHIP	
Drone Frame Designer, Remote (March 25 - ongoing)	<ul style="list-style-type: none">▪ AirM pvt. ltd.<ul style="list-style-type: none">- I am currently doing my first stipend based internship in which I have been assigned a role for Drone Frame Designer.- I design and calculate the structural integrity of the frames using computer aided modelling and finite element analysis using tools like Fusion 360, Catia etc.I am currently the Team leader in my internship period.
Research Intern, On-site Oct 24 – Oct24	<ul style="list-style-type: none">▪ Aeronautical Society of India, Bangalore<ul style="list-style-type: none">- Description: - I did a one week research Internship at Aeronautical Society of India where I got to learn about various technologies that are being used in the Aeronautical industry.- Did a Hands-on-experience on Drones and Unarmed Aerial Vehicles where I got to learn about upcoming technologies in the Aerospace industry.

EXTRACURRICULARS AND ACHIEVEMENTS

Achievements	<ul style="list-style-type: none">▪ Achieved 3rd prize in Rocket Launching Event (KARMAAN) by developing the rocket from basic tools.▪ Did one-week hands -on experience at Chennai in various Automobiles and Mechanical Industries.
Responsibilities	<ul style="list-style-type: none">▪ Core Technical Member of Blockchain Club at VIT Bhopal (Jul 23 - Ongoing).