



Piyush Kumar

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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
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 as well as a variety of models of drones using futuristic ideas. Such as:-Quadcopter, Drone Chassis, Folding Drone, UAV Frame etc.		

INTERNSHIP	
Drone Frame Designer, Remote (March 25 - ongoing)	<ul style="list-style-type: none">• AirM<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.
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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).