

RAMAN BALIYAN

Mechanical Engineer

@ ramanbaliyan77@gmail.com

in https://www.linkedin.com/in/raman-baliyan-787838194

+91 8279816110

Rudrapur, Uttarakhand

https://www.rbdynamics.in/

SKILLS

CREO Fusino 360 ANSYS

3D-Printing Prototyping

Testing, Troubleshooting

FEA Structural Analysis

MAVproxy RCA CAPA

ArduPilot LogAnalysis

Agile

DGCA Type Certification

Battery systems Node.js

MERN-STACK JAVASCRIPT

Arduino

SOFT SKILLS

Logic building keen learner

Team work Proactive Mindset

Problem-solving

Research-oriented

analytical thinking

LANGUAGES

Lang 1: English

Lang 2: Hindi

ABOUT

I'm a Mechanical Engineer with a strong interest in drone systems and technology development. Currently working as Head Engineer at a growing drone startup, I'm involved in design, testing, and improvement of drone systems while gaining hands-on experience in both engineering and operations. I have a curious and entrepreneurial mindset, eager to learn, take initiative, and contribute to building practical, innovative solutions. I believe in combining technical understanding with a problem-solving attitude to create meaningful and efficient outcomes.

WORK EXPERIENCE

Head Engineer | AZANSYS TECHNOLOGIES LLP

Rudrapur, India

September 2023 – present

- Designed drone components, manufacturing fixtures, and production documentation (CAPA, QC checklists).
- Managed manufacturing processes, inventory, quality control, and wastage tracking.
- Coordinated with vendors for fabrication, procurement, and product pricing.
- Contributed to DGCA Type Certification for the company's agricultural drone.
- Field testing, flight data collection, and performance analysis.
- Built custom motor test bench and DIY battery packs for in-house testing.
- Researched new product concepts and process improvements for future development.

CERTIFICATION

DGCA-certified pilot Medium Class

Completed - Sept 2025

Dehradun

ADDITIONAL EXPERIENCE

Operations Assistant (Part-time) | Family Business

04 2018 – 12 2019

- Assisted in managing dealership operations across three locations during college.
- Improved workflow by identifying inefficiencies in spare parts management and invoice handling.
- Researched and implemented digital solutions to replace manual processes, resulting in smoother and more organized operations

EDUCATION

B.Tech Mechanical | Dit University

Completed - July 2020

Dehradun

- CGPA: 5.5