

CV

PERSONAL INFORMATION

Name: Rupesh Bade Shrestha
Date of Birth: 15th May, 1997
Address: Lalitpur-9, Nepal
Mobile: +977-9841720513
Email: Rupenst2@gmail.com
Citizenship: Nepal

PROFILE

I am young and energetic person intending to design and optimize systems. I think in terms of results and objectives, I am enthusiastic, and I work with decisiveness and conviction. I have a proactive attitude and find positive ways to simulate and engage with people.

EDUCATION

2015 – 2019 **Bachelor in Industrial Engineering**
IOE Thapathali Campus, Kathmandu

2013 – 2015 **10+2**
Omega Int'l College, Lalitpur

PROFESSIONAL EXPERIENCE

Robotics and Automation Center

Thapathali Campus, Kathmandu

Participated as an executive member

- Designed, 3D printed and assembled Manual robot for **IRC organized by IIT Bombay and rewarded as a 3rd position in it**
- Designed and fabricated the mechanism for Inauguration Bot for inauguration ceremony of new location of Campus in Kirtipur
- Worked as a mentor to teach **Catia** to interested friends and juniors in Robotics Week 2.0

Paramount Construction Pvt. Ltd.

Jwagal, Lalitpur

On the Job Training for 90 days

Worked as an intern for Mechanical Design Engineer

- **Structural design** and assembly (Using AutoCAD and Solidworks)
- Prepared **Drawing** (From Solidworks)
- Prepared **BOQ** (Bill of Quantity)
- Handled **Procurements**

Prokura Innovations Pvt. Ltd.

Kopundol, Lalitpur

From 5th Jan, 2020 to present

Working as a UAV Product Development Engineer

- Developing a **Medical Delivery Drone** that would deliver **emergency medicines, vaccines, blood packs** in remote areas where transportation facility is not available or not quick enough to save lives

SKILLS

Design Software:	Solidworks, Catia, AutoCAD
Simulation Software:	Ansys, OpenFOAM
Programming:	Arduino, C, Python (Data Analysis only)
Other Software:	Latex, MS Word, MS Powerpoint, MS Excel (Crystal Ball for simulation)
Language:	Newari, Nepali, Hindi, English

INTERESTS AND ADDITIONAL INFORMATION

Travel by walking (Hiking & Trekking)
Singing and playing guitar
Playing Basketball and Table tennis
Mechanism analysis, creative thinking and visualization
Operation Research