

## MR. SURAJ VYANKTESHPRASAD SHUKLA

334, Jyotinagar, Ayre Gaon,  
Near Lalbahadur Shastri School,  
Dombivli (EAST) - 421201.

DOB : 08 April, 1992

GENDER : Male

MARITAL STATUS : Single

LANGUAGES : English, Hindi and Marathi

CONTACT NO. : **91 9699980423**

EMAIL-ID : [surajaero15@gmail.com](mailto:surajaero15@gmail.com)

PASSPORT NO. : L 5548253

VISA : **10 Years US Visa Type-B1/B2**



## OBJECTIVES

To achieve success through hard work, dedication, constant learning of new product & technology and be the active participant in the success of organization.

## WORK EXPERIENCE

DESIGNATION: **UAV (DRONE) Systems Engineer** at Techbaaz Innovations Pvt Ltd Mumbai-18.

COMPANY PROFILE: Techbaaz innovations is Drone startup aims for Aerial data solution.

CURRENT CTC: **2.28 Lakh PA.**

PERIOD: **01/01/2016 TO TILL DATE**

RESPONSIBILITY:

- 1) Designing the layout of the product using CAD software Catia-V5.
- 2) Basic avionics integration on UAV frame (Autopilot, Motors, Battery, ESCs and GPS).
- 3) Meeting with researchers to discuss innovative ideas for product development.
- 4) Searching over an internet for the latest technology in Drone industry.
- 5) Implementation and development of flight control algorithms.
- 6) Integration of flight controller on UAV platform.
- 7) Aerial data processing on open source software eg. Arcgis, Pix4D.
- 8) Coordinating with vendors, suppliers and manufacturers for material procurement.
- 9) Organising flight demo at mining and construction site.
- 10) Cold calling with existing customer to maintain business relation.

## EDUCATION QUALIFICATION

Class	School/College	Board/ University	Year of Passing	Percentage
BE (MECHANICAL)	M.H. Saboo Siddik College of Engg Mumbai-08	Mumbai	June-2015	58%
STD XII	S.H. Jondhale Jr. College Dombivli	Mumbai	Feb – 2009	72%
STD X	R.B.T. Vidyalaya Dombivli	Mumbai	March – 2007	79%

## COMPUTER SKILLS

- 1) OPERATING SYSTEM : Dos, Win98/2000/XP/2008/R2, Win7, Win8/8.1/10 & Linux.
- 2) LANGUAGES : C/C++ , JAVA , Visual Basic and Data Base Management System
- 3) TOOLS : Ms-Office, Matlab and Autocadd
- 4) CADD SOFTWARE : Catia-V5

## PERSONAL PROFICIENCY

- 1) Design and Development of **Unmanned Aerial Vehicle (UAV)**
- 2) Comprehensive knowledge of **Avionics** and **System Integration of DRONE**

## FINAL YEAR PROJECT

### UNMANNED AERIAL VEHICLE (UAV SYSTEM)/DRONE

(Aim was to build an autonomous UAV which can automatically fly with live video feed.)

## **ACHIEVEMENT**

### **❖ Participated in SAE Aero Design EAST International**

Participated in **SAE Aero Design East 2015, Lakeland, Florida, USA** organized by Lockheed martin, SAE International and Dassault systems.

**Won 2<sup>nd</sup> Prize in Advance Class Design and 3<sup>rd</sup> Prize in Micro Class Design.**

## **ROLE PLAY**

- 1) **Captain of Team.**
- 2) Lead structural design of aircraft (UAV).
- 3) Payload drop algorithm.
- 4) Material procurement and handling.
- 5) System installation on aircraft (UAV).
- 6) Design of Brochure and presentation.

I hereby declare that above information is true and correct to the best of my knowledge.

**DATE : 5<sup>th</sup> March 2017**

**PLACE : Mumbai**



**(SURAJ VYANKTESHPRASAD SHUKLA)**