

# VIKAS ANAND

CAD Engineer

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Add : Pratap Nagar, Jaipur (Raj.)

## OBJECTIVE

My goal is to become associated with a company where I can utilize my skills and gain further experience while working with professionals and contribute in company's productivity and reputation.

## WORK EXPERIENCE

### Noble Labs Pvt. Ltd.

Location – Jaipur, Jan 2020 –Dec 2020(Full Time)

#### **CAD ENGINEER**

##### **Responsibilities:**

- Designing of enclosures for various electronic devices.
- Making drawings and documentations for fabrication and assembly.

##### **Main projects:**

- 92 x 92 Panel meter : Complete design of enclosure of 92 x 92 electrical panel meter following all standards for plastic injection molding like draft allowance, corner radius, ribs, minimum and maximum material thickness. It consists of multiple parts which can be assembled along with various electronic components to obtain a complete product. All fittings and assembly were designed according to the industrial dimensional standards of electronic components.
- Parts for Surge Generator : Designed following components for surge generator machine. These components consists of different materials like Aluminum, Teflon, Sheet metal etc. hence, design consideration for welding and machining were followed during the process.
  1. Ground microphone.
  2. Capacitor box
  3. Rotary selector switch
  4. Linear selector switch

### Yusata Infotech Pvt. Ltd.

Location – Jaipur, July 2019 –Nov 2019(Part Time)

#### **CAD ENGINEER**

##### **Responsibilities:**

- Designing of enclosures for various electronic devices.
- Making drawings and documentations for fabrication and assembly.

##### **Main project:**

- Humidity Sensor : Designed enclosure for humidity sensor following all standards for plastic injection molding like draft allowance, material thickness etc. This device was going to be placed in a humid environment hence, various industrial standards of IP65 certification were followed during the process.

### Fraxus Solutions Pvt. Ltd.

Location – Jaipur, June 2019 –Dec 2019(Part Time)

#### **CAD ENGINEER & 3D PRINTER OPERATOR**

##### **Responsibilities:**

- Making 3D models of parts for 3D printing.
- Making AutoCAD DXF files for laser cutting.
- Operating 3D printers.

## Proxbotics Creation Technologies Pvt. Ltd.

Location – Jaipur, Feb 2018 – May 2019 (Part time)

### **CAD ENGINEER & 3D PRINTER OPERATOR**

#### **Responsibilities**

- Making 3D models of parts for 3D printing
- Making AutoCAD DXF files for laser cutting.
- Operating 3D printers.
- Doing R&D and assembly of 3D printers.

## ACADEMIC PROJECTS

- Demonstration of landing gear of Airplane.
- Walking octa-bot based on Klann Mechanism.
- Robotic arm.

## SKILLS

### **DESIGN SKILLS**

Solid Works

AutoCAD

G D & T

Keyshot

### **3D PRINTING**

FDM

DLP

## EDUCATION AND CERTIFICATIONS

### Bachelor of Technology (Mechanical)

#### **VIVEKANANDA INSTITUTE OF TECHNOLOGY**

Jaipur, Rajasthan (2015-2019)

75%

### Course of CAD

#### **CADD CENTRE**

Jaipur, Rajasthan (2017)

## HOBBIES AND INTERESTS

- Art and craft
- Web design

## DECLARATION

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