



# Aashray Raj Mathur

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 <https://www.aashrayrajmathur.ml/>

## About

I innovate new Tech Gadgets which can help for future human existence. I've been working on many innovative projects since my schooling which was well appreciated as well. Few recent ones are Covid19 Diagnostic System which was published in the Patent Office Journal. I take a great deal of pride and joy in guiding others to work together to improve myself and my community.

## Experience

### **Innovator**

Telangana State Council of Science and Technology  
May 2020 - Aug 2020 (4 months)  
Design and Development of Covid-19 Diagnostic System

### **Intern**

BellNexx Technologies and Solutions  
Jun 2019 - Aug 2019 (3 months)  
Android App Development and Software Application Testing.

## Education

### **Swami Vivekananda Institute of Technology**

Bachelor of Technology – B. Tech, CSE  
2017 - 2021

### **Sri Chaitanya Junior College, Hyderabad**

Intermediate, MPC  
2015 - 2017

### **Bharatiya Vidya Bhavans Public School**

School  
2005 - 2015

## Certifications

Coursera:

- Building Arduino robots and devices
- Design Thinking for Innovation
- Product Design: Designing using SketchUp

## Skills

Internet of Things (IoT) • Product Design • Research & Development • Web Design • User Experience Design (UED) • User Interface Design

## Top Projects

### **Covid-19 Diagnostic System**

It is a system that can detect likelihood of any known respiratory diseases (if any), measure oxygen saturation and temperature of the patient.

### **Drone Sanitizer**

A design of a drone can spray disinfectant over large facilities.

### **Reusable Launch Rocket**

A model of the first stage of a rocket that can be reused multiple times.

### **Smoke Detector Drone**

A prototype of a drone that can sense smoke and warn through an alarm.

## Accomplishments

### **Patent**

#### **Design and Development of Covid-19 Diagnostic System**

Application No. 202041030100

### **Publication**

#### **Design and Development of Covid-19 Diagnostic System**

Publication date: Aug 7, 2020

Publisher: Publication of The Patent Office (Journal 32/2020)

## Strengths

- Creative Thinking
- Dedication
- Time Management
- Reliable and Consistent

## Hobbies

- Creative problem solving
- Space tech and robotics geek
- Handcrafting paper rockets
- Cleaning and maintain hygiene