

# Sujay Sanjay Mahadik

[sujay-mahadik.github.io](https://sujay-mahadik.github.io)

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## EXPERIENCE

### **Persistent Systems, Pune**— *Project Intern*

September 2017 - Present

The aim of the project was to create an Autonomous Drone and was done in a group of 6 students.

### **Infinity Labs, Pune**— *Graphic Designer*

September 2016 - Present

Infinity Labs is a Pune based startup, co-founded by me and my colleague in 2016 with an idea for designing and manufacturing stationary and wearable products like posters, bookmarks, notebooks, calendars, pin-badges, t-shirts and more. I look after the designing and production.

### **Spandan, Pune**— *Head of Art and Design, Web-Developer*

2016 - Present

Spandan is the annual magazine of MIT College of Engineering, Pune. As a part of the team I have the responsibility of designing, maintaining artworks and articles of the students of MIT College of Engineering.

## EDUCATION

### **MIT College of Engineering, Pune** — *B.E. (I.T.)*

Affiliated to Savitribai Phule Pune University

2015 - 2019 (Currently Studying in Fourth Year, First Semester)

Aggregate Score (Till Third Year) - 8.53

### **PACE Junior Science College, Mumbai**— *H.S.C.*

Maharashtra Board

2015

Score - 84.00%

### **National English School, Mumbai**— *I.C.S.E.*

Council for the Indian School Certificate Examination

2013

Score - 88.67%

## SKILLS

**Expert** - HTML5, CSS3, Adobe Design Suite, Corel Draw.

**Intermediate** - PHP, MySQL, C, C++, Java Script, Android Studio.

**Beginner** - JAVA, Python, P5 js, C#, Blender, Unity Game Engine.

## AWARDS

**HSC** - Secured Scholarship for being in top one percentile in Vocational Subject

**ICSE** - Secured 7th place District level drawing Competition.

**Primary School** - Secured awards in Maths and Science International Olympiads. 4th Standard State Scholarship.

## Work & Online Portfolios

**GitHub** -  
<https://github.com/sujay-mahadik>

**LinkedIn** -  
<https://www.linkedin.com/in/sujay-mahadik-846969a1>

**Infinity Labs** -  
<https://www.instagram.com/infin8ylabs>

## PROJECTS

### **Autonomous UAV – Project in partnership with Persistent Systems**

September 2017 – June 2018

The project involved working with cutting edge hardware technology, which includes the following hardware:

- NVIDIA Jetson TX2
- ZED; StereoLabs' Depth Camera.
- Pixhawk Flight Controller with various components.

### **Automated Student ERP – Developed in a group of 4**

June 2017 – December 2017 TE Mini Project

Includes customized time-table creation, attendance marker, adaptive testing of students as part of internal examinations, analysis based on the results of test.

### **Piezoelectric sensors integrated hand gesture recognition device – Team member**

January 2017 – April 2018

Assisted in publishing a patent titled “Piezoelectric sensors integrated hand gesture recognition device” filed in the Indian Patent Office under the application number 201821012736 A and was published on 20th April, 2018

### **MIT CREON – Graphic Design, Website Development and Ticket Booking Platform**

2017 and 2018

Website Development of MIT CREON 17, MIT CREON 18 along with graphic designing of publicity boards and posters.

The project also included an SMTP server ticket booking platform for an event.

## WORKSHOPS & ONLINE COURSES

### **Cisco Networking – TechKriti IIT Kanpur & Azure Skynet**

January 2016

Workshop included Basics of Networking, Creating Network, Configuring Cisco Routers & Switches and softwares like Packet Tracer, GNS and Putty.

### **Android Basics – Udacity**

2017

Fundamentals of Layouts in Android.

### **Git and GitHub – Udacity**

2017

Use of version control with a focus on Git, a world-wide famous version control system

## HOBBIES AND EXTRACURRICULAR ACTIVITIES

Wildlife Photography, Motion Graphics and Videography, Cycling, Badminton, Casual reading.