

# NAVDEEP SUREKA

## IT ENTHUSIAST

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## EDUCATION

BTech. Computer Science Engineering 2nd Year  
**Vellore Institute of Technology**

📅 Fall 2020 – Ongoing    📍 Vellore, India

- Present CGPA - 9.3
- Branch - Computer Science Engineering

High School Graduate

**Delhi Public School Tapi**

📅 Graduated - April'19    📍 Surat, Gujarat

- School Sports Captain 2017-18
- Represented school nationally in Athletics
- Best Delegate in various school level MUN events.

## ONGOING PROJECTS

InnoVIT

**Cloud Seeding through Rocket**

📅 October'19 - Ongoing    📍 Vellore, India

- Developed a model solid-state propellant rocket to implement cloud seeding in remote places to tweak rain.
- Worked on sensors for the rocket to record geographical factors for efficient launch.
- Presently working on Phase 2 to improve recovery system

VITConnect

**Social Media exclusive to campus**

📅 December'19 - Ongoing    📍 Vellore, India

- Working on a web based application developed through PHP and SQL as a social networking platform for college students.
- Features include books and notes sharing, professional page, clubs and chapters recruitment page etc.
- Currently working on testing and deployment

VIT- Bus Services

**Mobile App for managing the campus bus shuttle**

📅 December'2019 - Ongoing    📍 Vellore, India

- Application developed in Android Studio with Java as base language
- 2 users - Student and Bus Drivers
- Presently working on completion and deployment of the app.

## MY LIFE PHILOSOPHY

*"Work until your bank account looks like a phone number"*

## EXPERIENCE

Associate

**International MUN - Internship**

📅 Aug 2020 – Ongoing

Customer Service Representative

**PAYTM - Internship**

📅 July 2020 – Ongoing

Summer Intern

**Society of AI**

📅 Jun 2020 – Ongoing

Campus Ambassador

**Coding Blocks - Internship**

📅 May 2020 – Ongoing

Founder

**YouthHex**

📅 Sep 2018 – Ongoing

Operations Manager

**Essar - Internship**

📅 Jan 2018 – Mar 2018

## ACHIEVEMENTS



**Bolt Hackathon Finalist - 2020**

Presented the cloud seeding idea, reached top 5 teams



**EnPhyThon**

3rd Position in a 24 hours long Physics hackthon. Created working Li-Fi to increase the data communication speed.



**Pitch Perfect**

First Position in Idea Presenting hackathon which won the team cash prize.



**VIT First Year Merit Holder**

9th in ECE Merit List of First Year - 2019

## PROJECTS

### Creativity India

#### Art polling website

📅 Apr'20 -May'20

📍 Surat, India

- Social Media Marketing project to involve art enthusiasts in sharing their work on Instagram.
- Created a website using algorithm in Facemash by Mark Zuckerberg as reference for choosing the best art entry.

### Prediction Model

#### Predicting House Prices with Regression

📅 May'20

📍 Surat, India

- Used my newly acquired skills in data science, I developed a house price prediction model with regression using TensorFlow.
- It is a three layer model with an accuracy of 85 percent for a given year, location, and distance from other popular locations.
- The train data set is from open source from google and it of 100 years.

## VOLUNTEERING

### Fundraiser

#### Old Age Home

📅 Feb'2018

📍 Surat, India

- Lead a team of students to raise funds for senior citizens residing in old age homes.

### Founder

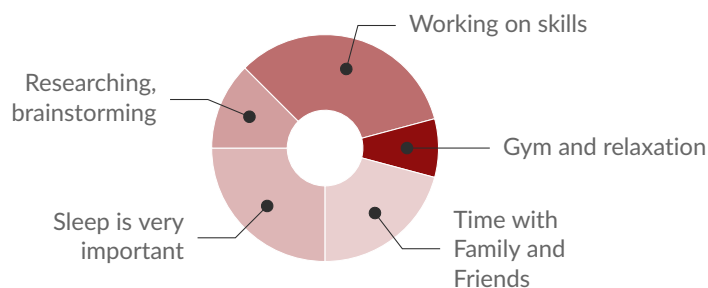
#### Change(YouthHex)

📅 May'2020 - Ongoing

📍 Surat, India

- About Human Rights

## A DAY OF MY LIFE



## STRENGTHS

Hard-working

Hunger to learn

Motivator & Leader

Innovative & Prolific

Investment & Portfolio Management

Statistical Analysis

Digital Marketing

CFA Foundation

Data Structures and Algorithms

## CODING SKILLS

C++

HTML5|CSS3

JavaScript

Python



## MOST PROUD OF



#### Faith in myself

that allowed me to excel in everything I do



#### Never give-up attitude

that has kept me going over the years.



#### Completed 40+ certifications

learnt various industry relevant skills.

## PUBLISHED RESEARCH

### Cloud Seeding through ROCKETS

#### Published on Medium

📅 May'2020

📍 Vellore, India

- Research work on fuel selection, ground work etc.
- Link to article - <https://tinyurl.com/y4mgxedb>
- Link to video - <https://tinyurl.com/y3kmcwrs>

## LANGUAGES

English

Hindi

Gujarati

Marwari

Punjabi

