

# SUMUKH VASISHT S

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## Github:

[www.github.com/sumukh-vasisht](https://www.github.com/sumukh-vasisht)

## Website:

<https://sumukh-vasisht.github.io/>

## LinkedIn:

<https://in.linkedin.com/in/sumukh-vasisht-s-2814a8186>

## Skill Highlights

- Project management
- Strong decision maker
- Complex problem solver
- Creative design
- Team Player

## Technical Skills

### Data Science:

Matplotlib	Seaborn
Plotly	mpld3
Apache Spark	Hadoop
SQL	MongoDB
Statistics	

### Programming:

C	C++
Python	JavaScript
HTML/CSS	Vue.js

### Tools and Technologies:

Github	Octave
Matlab	

## Summary

Information Science and Engineering student, specializing in Data Analysis, Machine Learning, Full stack development and web application development. Experienced with all stages of the development cycle for dynamic web projects and data science and analytics.

## Education

### Engineering:

The National Institute of Engineering, Mysore  
Bachelor of Engineering in Information Science  
Anticipated Graduation: June 2021  
CGPA: 9.08/10.0 (Five Semesters)

## Experience

### AI Engineer – 08/2020 to Present

### Software Intern – 02/2020 to 07/2020

#### Antriksh Labs Pvt. Ltd., Mysore

Currently working as an AI Engineer at Antriksh Labs, Mysore, where I'm contributing towards the development of Data Visualization Pipeline and Statistical analysis. Using technologies and languages like Python, Spark, Hadoop, SQL, etc.  
Sumedh S Vijay, CEO & Co-Founder, Antriksh Labs Pvt. Ltd.  
Email ID : [sumedh@antrikshlabs.space](mailto:sumedh@antrikshlabs.space)

### Software Intern - 03/2019 to 10/2019

#### Deshik Labs, Mysore

Completed an eight month internship at Deshik Labs, Mysore, where I was contributing to the development of progressive web applications and websites for different clients, which involved work right from meeting the clients, all through development and testing.

Shreesha Ramaswamy, Founder, Deshik Labs

Email ID : [shreesha@deshtik.in](mailto:shreesha@deshtik.in)

## Projects

1. Data Visualization and Statistics Computation of Datasets – **Data Visualization Pipeline** (March 2020 – Present)  
The pipeline involves **data cleaning, computing statistics**, Visualizing the dataset by various kinds of plots through **matplotlib, seaborn, mpld3, e-charts**, etc., implementing different **ML models** on the dataset and **Exploratory Data Analysis**.
2. **Tweet Analyzer** (April 2020) : NLP based web app which scraps data off twitter and analyzes sentiments of the tweets including those of COVID-19. Built with **HTML/CSS** and **Python – tweepy, pandas, textblob, re**  
(Link : [www.github.com/sumukh-vasisht/twitterWeb](https://www.github.com/sumukh-vasisht/twitterWeb) )

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## Organizations

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### 1. IEEE

Active IEEE member form the past 3 years.

### 2. NIE IEEE Student Branch (Student Branch of IEEE at NIE)

Coordinated with RPs for numerous workshops and tech talks. Coordinated Industrial Visits to CISCO and DELL EMC.

### 3. U&I

Working as an active volunteer at the NGO aimed at imparting quality education for underprivileged kids.

### 4. techNIEs'20

Volunteered as a convener for the website development team for our college fest in 2020.

## Achievements

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1. Presented a paper and published an article at '**International Conference of Human-Wildlife Conflict Mitigation**'
2. AIR 2 in RIE CEE
3. Lead a team and presented findings on 'Medicinal uses of soil' at National Children Science Congress.
4. Won numerous prizes at state and national level quiz and debate contests.

3. **Self-Checkout System** (March 2020 – Present) : IoT based self-checkout system for shopping centers. Built using **Raspberry Pi, Python, Firebase, HTML/CSS and JavaScript**.
4. **Cric-Predicc** (September 2019 – October 2019)  
Data Analytics Project which predicts the winner of a cricket match. Coded using Python – **sklearn, keras**.  
(Link : [www.github.com/sumukh-vasisht/CricPredict](https://www.github.com/sumukh-vasisht/CricPredict) )
5. **VCast Foundry App** (March 2019 – July 2019)  
An operations and management application for a casting industry, called VCast in Mysore, built using Framework7 with **Vue, VueJS, HTML/CSS, JavaScript, Node.JS, Firebase and Firestore**.
6. **PharmaGuide** (March 2019 – April 2019)  
A PWA which connects the doctor, pharmacist and patient. Built using **Framework7 with Vue, HTML/CSS, JavaScript, Node.JS and Firebase**.  
(Link : [www.github.com/sumukh-vasisht/pharmaguide](https://www.github.com/sumukh-vasisht/pharmaguide) )
7. **Tribal Tattoos Website** (August 2019 – October 2019)  
Website for a tattoo parlor in Mysore. Developed using **HTML/CSS, JavaScript, JQuery, Bootstrap** for frontend and **Python-Flask** for the backend.  
(Link : [www.tattoomysore.com](https://www.tattoomysore.com) )

All my other projects can be found in my github repository

## Certifications

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1. Machine Learning : Stanford University
2. Neural Networks and Deep Learning : deeplearning.ai
3. Data Science using Python : Michigan University

## Extra-Curricular Activities

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1. SAC Coordinator (June, 2019 – July, 2020), Digital Design Lead and Student Branch Networking Coordinator (2018-19) at NIE IEEE Student Branch
2. Student Ambassador for IEEEExtreme 14.0
3. Part of the team which organized NIE Summer of Code 6.0.
4. Conducted various workshops and sessions on Machine Learning, Game Development, competitive coding, etc.
5. Hosted many inter colligate competitive coding competitions.
6. Conducted Focus Group Sessions on Web Development.
7. Pianist, guitarist and singer in the college band 'Swayam'.