

SHREYAS SATHE

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EDUCATION

Indian Institute of Technology, Dharwad

2018-present

Bachelor of Technology

Computer Science and Engineering

Overall GPA: 7.87/10.00

R. N. Podar School

2016-2018

Central Board of Secondary Education

Class 11-12

Graduation Percentage: 93.6

R. N. Podar School

2009-2016

Central Board of Secondary Education

Graduation Percentage: 90.6

EXPERIENCE

Milestone Business Ventures Pvt Ltd

May 2020-August-2020

Front-End Development and Animation Handler

Charni Road, Mumbai

- My job was to add animations and develop front-end for a few pages for the catalogue website for the company.

PROJECTS

ML Algorithm to maximise efficiency for Industrial Assets

August 2020

Smart India Hackathon 2020 — Gas Authority India Ltd

- A basic web application that determines the maximum efficiency an industrial asset can achieve, its reliability and pending life cycle was developed during the Hackathon. The backend was developed in Python and involved machine learning using algorithms like **XGBoost** Regression, **CatBoost** Regression was developed.

Autonomous UAV Fleet capable of Doing object detection

December 2019

Inter IIT Tech Meet 2019 — DRDO SASE UAV Fleet Challenge

- We developed a fleet of drones each equipped with onboard camera and processor in a budget of INR 22000 for a drone. The drone was capable of identifying target and sending its location to the server workstation. I was responsible for developing the onboard target identification code on raspberry pi processor for the drone.

E-Commerce Web Portal for buying and selling movies

October 2019-November 2019

Course Project — Software Systems Lab

- The webpage was made by implementing PHP, MySQL, CSS-Bootstrap and HTML 5.0. The E-commerce website was specically tailored for buying and selling of movie DVDs. Also, a dummy payment gateway with front-end verication was made.

Student Information Management System

April 2019

Course Project

- A basic program to manage information about students, various faculties, and the courses offered by the institute. The program had multiple options for the users to add/modify the records very easily.

Cost Effective Mechanical Rice Transplanter

October 2018-December 2018

Inter IIT Tech Meet 2018 — Tata Challenge for Technical Development

- We, a team of 9, developed a mechanical rice transplanter using cam-fork mechanism capable of planting rice sapplings in wet lands in a price as low as INR 42000.

TECHNICAL STRENGTHS

Data Science	Python and libraries like Numpy, Pandas, Scipy and Scikit-learn
Web-Development	HTML5, CSS, PHP, SQL
Development Environments	Jupyter Notebook, Codeblocks, Linux Powershell
Data Visualisation	Matplotlib
Programming Languages	Java Script, Python, C and C++

AWARDS AND RECOGNITIONS

Smart India Hackathon	Our team (Code Breakers 7) won Second Place.
Inter IIT Tech Meet 2019	The team bagged 4th position amongst the 17 participants
Inter IIT Tech Meet 2020	We managed to get 7th position in the event
JEE Advanced 2018	All India Rank 4225/2,24,000 enrolled students
JEE Mains 2018	All India Rank 5401/11,00,000 enrolled students