

SHREYAS SATHE

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EDUCATION

Indian Institute of Technology, Dharwad

2018-present

Bachelor of Technology

Computer Science and Engineering

R. N. Podar School

2016-2018

Central Board of Secondary Education

Class 11-12

R. N. Podar School

2009-2016

Central Board of Secondary Education

EXPERIENCE

AstroTalk

August 2020-Present

Front-End Development Intern

Noida, India

- I was responsible for UI/UX and front end development for the website's "Kundali" application.

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 the catalogue website for the company.

PROJECTS

ML Algorithm to predict match results for IPL

Sept 2020-present

Course Project—Pattern Recognition and Machine Learning

- An application to determine the win or lose for a team based on players playing in the team, the pitch and stadium conditions is developed in this project

Autonomous UAV Fleet capable of onboard object detection and image recognition

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.

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.

E-Commerce Web Portal for buying and selling movies with recommendation engine

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.

TECHNICAL STRENGTHS

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|---------------------------------|---|
| 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

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|---------------------------------|--|
| 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 |