Satwik Animesh

B.Tech. | NIT Rourkela

Final Year, Mechanical Engg.
DOB: 12 May 2000
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Education

2019-Present
B.TECH., MECHANICAL
NIT Rourkela
CGPA : 8.46/10

May 2018
INTERMEDIATE
DAV Public School, CDA-6
Percentage: 94.8%

May 2016
MATRICULATION
DAV Public School, CDA-6
CGPA: 10.0/10.0

Links

LinkedIn: **sanimesh96**
GitHub: **sanimesh96**
GeeksforGeeks: **sanimesh96**
LeetCode: **sanimesh96**

Skills

GENERAL PROGRAMMING
• C • C++ • Python • JavaScript• MySQL

OPERATING SYSTEMS
• Windows • MacOS • Linux

SOFTWARES
• SolidWorks • Ansys • AutoCAD

LIBRARIES
• PyTorch • Pandas • Numpy
• Matplotlib • OpenCV • Scikit-Learn
• Django • React • MongoDB

Relevant Courses

Linear Algebra
Statistics and Probability
Data Structures
Algorithm
DBMS

Work Experience/Projects

2022 **Teceads - Web Development Intern**
Worked on React JS application for designing and developing the whole frontend with CSS and JS functionalities.Worked on Node JS application using Express JS and MongoDB for developing authenticated APIs to serve the frontend application.

2022 **Image Classification Web App**
Developed an Image Classification Web App using ResNet-34 CNN model using Django and Django Rest-Framework.The model was trained using CIFAR-100 Dataset.

2021 **CoViD-19 Detection**
Built a residual Convolutional Neural Network model to classify CoViD 19 and Pneumonia chest X-ray images. It was compared against benchmark resnet-152 Deep Neural Network Model using transfer learning.

2022 **Project Ikigai**
A web application built using MERN Stack that enabled users to keep track of their calorie and water intake; also allowed users to keep track of burnt calories after an exercise

2021 **Project Aperture**
A web application built using Django and Azure that enabled image search through auto-generated tags and captions from various documents, image repository and videos.

Achievements/Certifications

Oct 2021 **EYGDS Hackathon**   **1st Runner Up**
Image Search Analysis: A web based solution for repository of heterogeneous images with tagging and classification

Nov 2021 **Myntra Hackerramp**   **Finalist**
Gamify : Developed a 3D virtual mall and game using unity and django

March 2022 **Medpiper Hackathon**   **Runners Up**
Developed a Web based solution using MERN Stack to solve the problems faced by Human Resource Employees during the WFH time.

Extra Curricular Activities

2021-22 **Team Manager, BlueStreak 9.0**   **ASME NITR**
I am the present Manager of team BlueStreak. As the manager, i am responsible for the team to meet the deadlines and make sure work between different subsystem is carried out smoothly.

2020-NOW **Drivetrain Member**   **TRR**
I am an active member of the FSAE Club(TRR). I am responsibile for Designing and performing the Analysis of the Drivetrain Components to be used in our vehicle.