Anshi Gandhi

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EDUCATION

INTERNATIONAL INSTITUE OF INFORMATION TECHNOLOGY, HYDERABAD
Mtech. Computer Science Engineering
Jul 2024 - May 2026

DHARMSINH DESAI UNIVERSITY, NADIAD
Btech. Computer Science Engineering cgpa - 8.89
Sep 2020 - May 2024

ACHIEVMENTS

- **PGEE 2024** - AIR 34
- **Gate 2024** - AIR 2376
- **JEE Mains 2020** - 96 percentile

SKILLS

PROGRAMMING
C • C++ • Python • Machine Learning • HTML/CSS/JavaScript • PROLOG • ASP.net • PHP • MySQL • Node • MATLAB

FRAMEWORKS
Visual Studio • React • Django • Eclipse • OpenCV • Flutter

OPERATING SYSTEMS
Windows • Linux • UNIX

LINKS

Github: github.com/AnshiGandhi
HackerRank: hackerrank.com/profile/anshigandhi2002
LinkedIn: linkedin.com/in/anshi-gandhi-a26b46209/

ACCOLADES

- Winner at All India Drama and Dance Competition, Shimla
- District level Basketball player
- 6 years of training in Bharatnatyam

EXPERIENCE

SPACE APPLICATIONS CENTER, ISRO | Researcher
Dec 2023 – Mar 2024 | Ahmedabad, Gujarat

- Reconstruction of Sea Surface Salinity using machine learning techniques over the region of Bay of Bengal
- Created a model that predicts the salinity with RMSE 0.72
- Primarily used python library OpenCV for data preprocessing and LightGBM library for model training.

KEY PROJECTS

RECOLORING IMAGES FOR COLOR BLIND PEOPLE - 2023
- Created a machine learning model that converts colorful ishihara plates into black/white images which are readable by colorblind people
- Worked on MNIST dataset and for data preprocessing, used OpenCV libraries for image manipulation
- Technologies : Python,OpenCV,Keras , Tensorflow

TWITTER CLONE - 2023
- Built a twitter-like web application used to add and view tweets by user
- Deployed functionalities to like and comment on a tweet made by other user
- Technologies : React,Node

ECOMMERCE WEBSITE - GROCERY STORE - 2020
- Built a full stack website to buy groceries online
- Created cart for the users to maintain their shopping interests along with payment gateway
- Technologies : PHP,HTML,CSS

EXTRACTIFY - DUHACKS HACKATHON 2022
- Created a python based tool for converting image,video and audio to text
- Generated text also had functionality of text editor
- Technologies : Python,Tesseract,OCR,Javascript

CHARITY MANAGEMENT - 2022
- Designed a charity management system for raising and donating funds with payment gateway
- Technologies : ASP.net Framework

WEATHER MOBILE APPLICATION - 2022
- Programmed an application for fetching weather information from API
- Technologies : Flutter,Postman

COURSEWORK

- Machine Learning
- Artificial Intelligence
- Computer Networks
- Operating System
- Image Processing
- Cloud Computing and IOT
- Big Data Analytics
- Network Information and Security