

# ANIRUDHRA RAO

Python Developer

raorudhra16@gmail.com | 8459411908 | B-102 Bharat Bhusan, Nalasopara East

GITHUB | LINKEDIN | HACKERRANK

## EDUCATION

E. S. ANDRADES COLLEGE OF SCIENCE (VARTAK)

BACHELOR COMPUTER SCIENCE

CGPA: 7.83

2019 - 2022

vasai

## PWSKILLS

DATA SCIENCE PROGRAM

January 2023 - November 2023

Remote

## SKILLS

PROGRAMMING LANGUAGES

Python, Java, JavaScript

LIBRARIES/FRAWORKS

Django, Django REST Framework

DATABASES

Mysql, MongoDB

## PROJECTS / OPEN-SOURCE

### WAFER FAULT DETECTION | [LINK](#)

Jupyter Notebook, Python, Flask, MongoDB, HTML, CSS

- Designed modular Python-Flask codebase for a wafer fault detection system.
- Managed wafer datasets via MongoDB Atlas for scalability.
- Preprocessed raw wafer data to enhance quality.
- Integrated ML algorithms for accurate fault detection.
- Streamlined real-time fault detection through a robust pipeline.

### WRITEWISE | [LINK](#)

Django, Python, HTML, CSS, JavaScript, AJAX, Git, GitHub

- Created a full-stack web application using Django, SQLite, HTML, CSS, JavaScript, AJAX.
- Implemented user authentication, authorization, and profile management functionalities.
- Designed and developed interactive user interfaces for blog creation, commenting.
- Integrated features such as pagination, user notifications, and follow requests using Django's built-in functionalities and custom context processors.
- Managed project requirements, version control using Git and GitHub.

### IMDB CLONE

Django, Django Rest Framework (DRF), Python

- Developed a API using Django and Django Rest Framework (DRF) to replicate IMDb functionalities.
- Implemented CRUD operations for movies, stream platforms, and user reviews.
- Integrated JWT token-based authentication for secure user access.
- Implemented rate limiting to prevent abuse of API endpoints.
- Created custom validators to ensure data integrity.
- Conducted unit tests and integration tests for reliability.

## CERTIFICATIONS

- Problem Solving (Basic) Certificate - **HACKERRANK**
- Python (Basic) Certificate - **HACKERRANK**
- Supervised Machine Learning: Regression and Classification - **COURSERA**
- Unsupervised Learning, Recommenders, Reinforcement Learning - **COURSERA**

## HONORS & AWARDS

- Earned Python gold level HackerRank
- Earned SQL gold level HackerRank