

RUDRA DESAI

Software Developer & Web Development Enthusiast

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rudradesai200

Portfolio
in Rudra Desai



PROJECTS

CFViewer - Problems Recommender and Analyzer

Personal Project

April 2020 - May 2020 IIT Madras, Tamil Nadu, India

- A tool to help competitive programmers improve their performance by recommending problems and contests based on their past problems-solving history on codeforces.
- Many functionalities like Performance Tracker, Filters and Databases, User comparing facilities and an eye-pleasing UI developed from scratch.
- Django-Python Framework, AWS EC2 instance, PostgreSQL database, and Nginx web server support the website backend.
- Website Link: [CFViewer](#)

Computer Systems Design

Course Project under Prof. V Kamakoti

July 2019 - Nov 2019 IIT Madras, Tamil Nadu, India

- Constructed a modern, full-scale computer system - hardware and software - from the ground up.
- Hardware implemented using pure HDL.
- Developed software like Assembler, Virtual Machine, and Compiler using C++ Language.
- Project files can be found on [Github](#)

EXPERIENCE

Product Development Intern

Godot Media

May 2020 - July 2020 Bangalore, Karnataka, India

- Implemented and integrated a Text Quality Predictor on Narrato, a content editing platform for freelance writers.
- Extracted several web pages using automated scrappers, and cleaned them using regex and other NLP techniques.
- Integrated the complete model on Narrato using Javascript and Django-Python Framework.

Full Stack Web Developer

Earnvest Technologies

April 2020 - July 2020 Chennai, Tamil Nadu, India

- Developed full-stack web applications which processed, and simulated the auction process for financial investments.
- Planned, wrote, and debugged web applications and software with complete accuracy.
- Led a team of three interns and a designer to develop the core website with a beautiful interface.
- Used Django-Python Framework along with AWS instances and MySQL Database.

EDUCATION

B.Tech. in Computer Science & Engineering

Indian Institute of Technology Madras

Expected 2022 Tamil Nadu, India

High School

Shivashish Public School

2017 - 2018 Gujarat, India

ACHIEVEMENTS

★ All India Rank of 115
out of 240,000 candidates in JEE
Advanced conducted in 2018.

🏆 All India Rank of 133
out of 11,00,000 candidates in JEE
Mains conducted in 2018.

👥 Class Representative
of IIT Madras Computer Science and
Engineering batch, 2022.

🏛️ Received a scholarship
covering all the tuition fees at IIT
Madras, based on the JEE Advanced
Rank

SKILLS & STRENGTHS

Python C++ Javascript Django
Tensorflow Git Linux Latex
Pytorch Hard-working Persuasive
Result-oriented Innovative

COURSE WORK

- Data Structures & Algorithms
- Probability & Statistics
- Computer Organization & Architecture
- Database Management Systems*
- Compiler Design*
- Operating Systems*

VOLUNTEERING

- Shashtra Team, IIT Madras
- Saarang Team, IIT Madras