

Rohit Doyal

Final Year | Electrical Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR
B.TECH IN ELECTRICAL ENGINEERING
2019-2023*
Current CGPA: 7.61/ 10

MONTESSORI SCHOOL
Grad. April 2018 | Jaisalmer, India
XII: 90 Percent
X: 86.66 Percent

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithms
Introduction to Machine Learning
Computer Programming
computer vision
Computer Architecture
Probability and statistics
Mobile and Pervasive Computing
Data Communication Networks

LINKS

GitHub:// [Rohitdoyal](#)
Linked-In:// [RohitDoyal](#)
Hacker rank:// [doyalRohit](#)
codeforces:// [Rohitdoyal](#)
codechef:// [Rohitdoyal](#)

SKILLS

LANGUAGES

• C++ • Python • c • c# • JavaScript •
Matlab • Java • Latex

WEB

• Django (Python) • MERN STACK • CSS
• Firebase • Bootstrap

TOOL AND TECHNOLOGY

• GitHub • Unity3d • Android Studio
• VS-Code • Sublime-text • Google colab
• Netlify • Jupyter • Adobe Photo-shop

COMPETENCE

• Competitive Programming
• Mobile App Development
• Full Stack Web Development
• Machine Learning
• Game Development

EXTRACURRICULAR

2022 • General Secretary-Legacy Society.
2021 • Accommodation and transportation
Head: Varchas fest at IIT jodhpur .

EXPERIENCE

WILLINGS | WEB-DEVELOPMENT INTERN

October 2021- December 2021 | **Certificate**

- Improved and debugged the current front-end of products using **ReactJS-Redux / CSS** leading to a seamless interface.
- Using the sharp library creates functionality that can take images from **Firebase** storage resize them and upload them again.

SUMMER INTERNSHIP AT IIT JODHPUR | DATA ANALYTIC INTERN

May 2021 – July 2021 | Dr. Dip Sankar Banerjee | **Certificate**

- Learn about an inductive dynamic graph analysis technique that can be potentially parallelized.
- Code Implementation of the technique based on graph neural network, feature extraction PageRank and graphsage.

PROJECT

AR TREE GAME - AUGMENTED REALITY BASED GAME

FEBRUARY '21- APRIL '21 | **Git-Hub**

- Used Vuforia and **Unity 3d** Create a different game stage and user interface.
- Using **c#** script add functionality in game, and Add animation and button using unity 3d.

E-COMMERCE-WEBSITE

June 22 - July '22 | **DEMO VIDEO** | **Git-Hub**

- Developed a fullstack web application for E-commerce with standard functionality.
- Used Technology **ReactJS-REDUX, Mongo-DB, NodeJS, ExpressJS, CSS.**

FACE-MASK DETECTOR

may 21- may 21 | Supervisor - DrRicha (Course Project) | **Github** | **Demovideo**

- Machine learning model that can detect if a person is wearing a mask or not along with confidence level of the model.
- Achieved CNN model accuracy of 96.67% at 18 epoch. Used library **tensorflow keras, numpy, open CV**

REACT-FIRECHATAPP June 21 - July '21 | **Github** | **Live**

- Create and deploy a real-time chat website where users can chat.
- Used Technology **ReactJS** for frontend along with standard HTML and CSS, **Fire Base** for real-time Database Management .

REACT-CRYPTO CURRENCY June 21 - July '21 | **Github** | **Live**

- Using **ReactJs** and **crypto API** created a website which can show current crypto currency value in market.

ACHIEVEMENTS

2022 • Global rank 35/3838 in August Starters 50 Div 3 on Codechef
2020 • Changed Branch From Mechanical Engineering To Electrical Engineering
2021 • Rated 5 stars in problem-solving in Data Structures and Algorithms, c++, and python on Hacker Rank.
2020 • Secured 3rd position in Ideation in Summer Challenge, IIT Jodhpur, and won a cash prize for designing an Arduino bracelet to prevent accidental touches in corona times.
2019 • Ranked among the top 0.4 percent of 2.4 million applicants in JEE Advanced
2018 • Ranked first in the 12 RBSE Board Science streams in Jaisalmer.