

# Rohit Doyal

rohitdoyal172001@gmail.com | Portfolio website | 6377965980

## EDUCATION

### IIT JODHPUR

#### B.TECH IN ELECTRICAL ENGINEERING

2019-2023

CGPA: 7.72/ 10

#### SPECIALIZATION IN VISUAL COMPUTING

2022-2023

### MONTESSORI SCHOOL

Grad. April 2018 | Jaisalmer, India

XII:90 Percent

X: 86.66 Percent

## COURSEWORK

### UNDERGRADUATE

Introduction To Computer Science

Data Structure and Algorithms

Introduction to Machine Learning

Computer Programming

Computer vision

Computer Graphics

Computer Network

Digital Logic and Design

Introduction to AR-VR

## LINKS

GitHub:// Rohitdoyal

Linked-In:// RohitDoyal

Leetcode:// Rohitdoyal

## SKILLS

### LANGUAGES

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

### WEB

• Django(Python) • MongoDB • CSS  
• ReactJS • ExpressJS • NodeJS  
• Firebase • Bootstrap • Flask

### TOOL AND TECHNOLOGY

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

### COMPETENCE

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

## EXTRACURRICULAR

2022 • Accommodation and transportation

Head: Varchas fest at IIT Jodhpur .

2021 • General Secretary-Legacy Society.

## EXPERIENCE

### JIO - FULLSTACK DEVELOPER

October 2023- \*Current

- Designed a comprehensive end-to-end architecture for the website, ensuring seamless functionality and optimal user experience.
- Implemented the frontend of a web application using **React JS**, resulting in a reduction in loading time and improving user experience.
- Utilized **MongoDB** as a robust storage solution for JSON data, developed a **Express Js server**, and seamlessly integrated APIs to establish a seamless connection between the backend and frontend components.

### WILLINGS - WEB DEVELOPMENT INTERN

October 2021- December 2021 | **Certificate**

- Improved and debugged the current front-end of products and used **ReactJS - Redux and CSS** for a seamless interface.
- Leveraged the capabilities of the Sharp library to develop a robust functionality, allowing seamless extraction of images from Firebase storage, followed by efficient resizing and reuploading, optimizing the overall performance.

### IIT JODHPUR - DATA SCIENTIST INTERN

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

- Researched an inductive representation learning on dynamic graph analysis technique that can be potentially parallelized.
- Implemented the code of the technique based on graph neural network, feature extraction, Page-Rank, and Graphsage.

## PROJECT

### AR TREE GAME -AUGMENTED REALITY BASED GAME

February 2021- April 2021 | Self Project | **Git-Hub**

- Crafted a architecture for a multilevel augmented reality game, seamlessly merging real-world and virtual elements to provide an exceptional and immersive gaming experience.
- Developed diverse game levels, crafted C# scripts to enhance functionality, and meticulously designed animations and a user interface, all geared towards delivering a superior and immersive user experience..
- Used Technology **Unity 3d, Vuforia, C#.**

### E-COMMERCE-WEBSITE

June 2022 - July 2022 | Self Project | **Demo | Git-Hub**

- Engineered the architectural framework for an e-commerce website, shaping a robust foundation for seamless integration and optimal performance
- Engineered a comprehensive full-stack web application for E-commerce, showcasing expertise in core functionalities such as authentication, order processing, and product creation.
- Used Technology **ReactJS-REDUX, Mongo-DB, NodeJS, ExpressJS, CSS.**

## ACHIEVEMENTS

2022 • Global rank 35/3838 in August Starters 50 Div 3 on Codechef

2021 • Rated 5 stars in Problem solving, Data Structures and Algorithms, C++, and Python on Hacker Rank.

2020 • Changed Branch From Mechanical Engineering To Electrical Engineering

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 covid.

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.