

Rohit Doyal

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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 **Flask-based 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.