

Rohit Nagar

Final-Year | Mechanical Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN MECHANICAL ENGG.

May 2023 | Jodhpur, India

CURRENT CGPA: 7.02/10

GOVT.SR. SEC. SCHOOL

CLASS 12 | RBSE

May 2018 | Keshorai Patan, India

PERCENTAGE 90.00 %

SARASWATI SR. SEC. SCHOOL

CLASS 10 | RBSE

May 2016 | Keshorai Patan, India

PERCENTAGE 88.83 %

SKILLS

PROGRAMMING

Proficient:

• C++ • Javascript • HTML5

• CSS3 • Python

Familiar:

• Metamask • Bootstrap4 • Truffle

• Web3.JS • Solidity • PyTorch

• Matplotlib • C • Matlab • Latex

DEVELOPMENT

• Blockchain • Git • React

• Firebase • AWS • Remix • Flask

OTHER SKILLS

• Competitive Programming

• Solidworks • Adobe XD

• Tshirt-Design • Excel • Team Work

• Communication

LINKS

Github:// [nagar2817](#)

LinkedIn:// [rohit-nagar](#)

Twitter:// [@rohiiiiit](#)

CodeForces: // [theLastKnight01](#)

CodeChef:// [lastKnight01](#)

COURSEWORK

UNDERGRADUATE

Introduction To Computer Science

Linear Algebra

Calculus and Differential Equations

Introduction to Machine Learning

Data Structures and Algorithms

Scientific Computations

EXPERIENCE

ACCENTURE | ADVANCED APP ENGINEERING ANALYST INTERN

Jun 2022 - July 2022 | Metaverse - Web3 - Blockchain

- Explore the Metaverse Platforms and did Hands on with Nvidia Omniverse.
- Found some real life problems from the Various Industry such as Aerospace , Defense , Business-market Industry , Automobile, Semiconductor etc. & implement their solutions as a Metaverse use-cases.
- The Use case which I presented to Developer team with story got interesting points and will be a Business cases for Accenture in the coming months.
- Tech Stack :- Metaverse , Blockchain, Web3, Cryptography

PROJECTS

REAL ASSETS TOKENIZATION | SELF PROJECT | [🔗](#)

Aug 2022 - Sept 2022 |

- Build an UI platform that tokenizes the real assests having some physical value.
- These digital Clone would be helpful in Automated entrance systems that reduce the need of keeping physical cards
- Tech Stack :- Truffle , Solidity , React

FLAME SPEED COMPUTATION | ML SEMESTER PROJECT | [🔗](#)

Aug 2021 - Dec 2021 | Mentor: Prof. Sudipto Mukhopadhyay

- Instead of traditional matlab software, we use different ML techniques and Neural Network algorithms for Laminar Burning Speed estimation.
- Multiple Deep Neural Network models for predicting LBV values were developed and validated. Also compared different Machine learning algorithms.
- We studied the effect of training database by changing the size and dimension.
- Tech Stack :- IC Engine, Machine Learning, scikit-learn, Matplotlib

SUDUKO PUZZLE SOLVER | SELF PROJECT | [🔗](#)

May 2021 - July 2021

- A Real world deployed Suduko Puzzle Solver app using deep learning. Identification of existing digits are done using Optical Character Recognition.
- Tech Stack :- Python , OpenCV , OCR, Keras and Tensorflow.

ACHIEVEMENTS

2022 Solved Overall 500+ problems on [Codeforces](#) , [LeetCode](#) and [IbHub](#) [🔗](#).

2019 JEE-19: Among top 1% percentile of 1.3 million Applicants in JEE- 2019

MOOC'S

- Analysis of Algorithms* (Coursera) • Responsive Web Design
- AWS Machine Learning Foundations Nanodegree Program [🔗](#)
- Ethereum Blockchain Developer With Solidity | (*ongoing..)

EXTRACURRICULAR

- Participated in many cultural Event and programming contest hosted by IITJ Pclub.
- Core member of Poster designing team , [Ignus](#) 2019.