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:// **@rohiiiiiiiit** ⬀
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

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

AMAZON CLONE | Self Project | ⬀
Aug 2021 - Sep 2021 |
- Developed a Amazon clone using ReactJS and deployed it on Firebase with real time database. Front-end was completely built on ReactJS and material UI.
- Features like user authentication, Addition of Production,Checkout and real time of rendering of orders were implemented.
- Tech Stack :- React, Redux, Firebase

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.