SAURABH JAISWAL

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Education

Rajiv Gandhi Institute of Petroleum Technology,Amethi **Dec 2020 - Present**
Bachelor of Technology in Computer Science Engineering *CGPA:8.68(till 5th Sem)*

The Lucknow Public Collegiate **Jul 2015 - May 2017**
High School(ICSE) *88.6%*

Relevant Coursework

- Data Structures
- Operating System
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Theory Of Computation
- Computer Architecture
- Deep Learning

Projects

Inventory Management System | *Machine Learning,Numpy,Pandas,Python,Keras,Tensorflow* **August 2022 - Dec 2022**
- Aim to detect space in inventory and manage it by using images.
- Use Computer Vision to maintain item stock which helps to ensure there's always enough stock to fulfill demands.
- It provides proper warning of shortage of items.

Automated Cheque Processing | *Html,Css,Flask,Machine Learning,OpenCV* **BOB Hackathon 2022**
- Designed a portal where one can process the cheque with least human intervention.
- It takes automatic data entry,verifies it and print the status.
- Secured a rank of **66** among more than 4000 participants.

Research webpage for the Institue Website | *Html, Css,React.js,Javascript, Flask,MongoDB* **April 2022 - May 2022**
- Designed a webpage which allows users to search for the projects done by students based on roll number and project type.
- It minimizes the workload on head.

Blockchain Usage in Healthcare | *Crypto library,C language,SHA-256 algorithm* **Dec 2021 - April 2022**
- Depict the efficient use of blockchain technology in healthcare and benefit which patients will get.
- Patient's medical data can be kept in a more secure manner.
- I used SHA-256 to generate the hexadecimal hash code and ran the code on Ubuntu as it contains the crypto library which is needed for SHA-256.

Achievements

JEE Advanced 2020 : Secured an AIR of 18414 among 2.5 lakhs students.
Google Kickstart 2022 : Secured rank of **2575** in Google Kickstart round H.
Represented RGIPT in basketball at IIT Kanpur in **Udghosh 2022.**
Secured a rank of **18** in Convolve Epoch 1 conducted on **Kaggle** by Cisco.
International Olympiad of Mathematics 2017 :Class rank(1st) ,state rank:-140 country rank:-871.
Won certificates in marathon,boxing,inter house quiz and various sports activities.

Skills,Languages and Interests

Languages: Python, C, C++, HTML/CSS, JavaScript, SQL,MongoDB
Technologies/Frameworks:Blockchain,React.js,Node.js, Flask,Docker,Github and VS code
Spoken Languages: English(*Professional*), Hindi(*Native*)
Others: Basics of Machine learning.

Coding Profiles

Codechef :Max Rating:1404 (saurabh4033)
Codeforces :Max Rating:1136 (SaurabhJaiswal)

Position Of Responsibility / Extracurricular

- Teaching Volunteer/Center head at Gyanarpan RGIPT Amethi An initiative by RGIPT to ensure free and quality education to Amethi.
- Competitive programming executive at Codechef RGIPT and IEEE RGIPT student chapter.
- Memberership team head at ACM RGIPT student chapter.