Suraj Tripathi

A budding engineer, software development enthusiast, and debater. Highly motivated and interested in leveraging the latest technology to solve complex engineering and business problems.

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Education

B.Tech (Chemical Eng.)
National Institute Of Technology Warangal
2019 - Present

Higher Secondary Education (CBSE)
Bal Niketan Senior Secondary School
2017 - 2018

Projects

Crypto-monitor <>
- Built a Web 3.0 Blockchain dApp with the ability to monitor the most recent transactions on the homepage, facilitating simple Ethereum transfers.
- Crafted the smart contract to safely send cryptocurrency to several wallet addresses.
- Exposure : **Solidity, React, Remix Ide, Metamask, Hardhat, web3.js**

Binary Tree and Heap Visualizer <>
- Built a web application to visualize the Binary tree and Heap.
- Designed features to generate trees with specified array size.
- Deployed and hosted the application on Github.
- Exposure : **HTML, CSS, Javascript, Data Structures.**

Sorting Visualizer <>
- Developed a web application to illustrate the operation of different sorting algorithms, including bubble sort, insertion sort, merge sort, and quick sort.
- Built features to create arrays with specified size to control visualization speed.
- Exposure : **HTML, CSS, Javascript, Algorithms**.

Interests

Music, Cricket, Participating in social activities

Accomplishments

LeetCode <>
Solved more than 500 problems

GeeksForGeeks <>
Solved more than 400 problems.

Won KSR Memorial Prize from the home university for outstanding performance in elocution competition.

Skills

Languages: C/C++

Development:
HTML,CSS,JavaScript,Blockchain, Web3.js,Solidity

Relevant Coursework: Data Structures and Algorithms, DBMS,OOPS.

Positions of Responsibility

SUB CORE (ECC), CULTURAL FEST NITW - Worked with a team of dedicated individuals, and were responsible for organising different concerts and major events for our fest.

Joint Secretary at Business Club (2020-21)
- Conducted open houses to raise awareness of business ethics with peers.
- Prepared content for social media posts.

Joint Secretary at Finwiz Finance Club (2021-22)
- Organized the financial literacy week in NIT Warangal.

Joint Secretary at Chemical Engg Association (2021-22)
- Lead the organizing team for the event 'CHEMI-VISION' at NIT Warangal's annual Technical Fest.