



Suvankit Sahoo







Bachelor in Technology
Computer Science and Engineering
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Github | LinkedIn | Leetcode | GeeksforGeeks

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Indian Institute of Technology, Jodhpur	7.42	2020-Present
Senior Secondary	M.B.S Public School	91.6 %	2019
Secondary	D.A.V Public School, Chnadraseshkrapur	10.0	2017

PROJECTS

- **SkyNet - Full Stack Chat App**   April. 2023 - May. 2023
A real time chat app using the MERN stack .
 - **Tools & technologies used:** ReactJS , Node, Express, MongoDB
 - Implemented real time communication using **Socket.io** and gained knowledge about web sockets and communication among sockets
 - Created One-on-One chat and **Group Chat** functionality
 - Created API routes for backend using **NodeJS** and **Express**
 - Used a NoSQL database like **MongoDB** for storing user information and chats' information
 - Stored user passwords in encrypted format by salting using **Bcrypt js**
 - Utilized the **Chakra UI** library and **React JS** to create a visually appealing and highly **responsive UI**
 - Used JSON web tokens (**JWT's**) for user **authentication** and **authorization**
 - Created functionality to reset user passwords via one time links using JWT tokens . Used **NodeMailer** for sending the password reset links via email .
 - Deployed the application on the cloud platform **Render** to make it accessible to users worldwide
- **Pathfinder - Algorithms Visualizer**   May. 2023 - Jun. 2022
An algorithm visualizing tool for visualizing search algorithms
 - **Tools & technologies used:** ReactJS , Chakra UI , javascript
 - Implemented the following algorithms **A*search** , **Dijkstra** , **Breadth First Search** , **Depth First Search**
 - Deployed the application on the cloud platform **netlify**
- **Cryptocurrency Tracker**   May. 2022 - Jun. 2022
A tool for keeping track of popular cryptocurrencies
 - **Tools & technologies used:** ReactJS , Javascript
 - Worked with REST API's from Rapid API
 - Deployed the application on the cloud platform **netlify**

KEY COURSES TAKEN

- Data Structure and Algorithms, Operating Systems , Database Systems , Pattern Recognition and Machine Learning , Compiler Design , Autonomous Systems , Embedded Systems , Cybersecurity , Probability and Statistics

TECHNICAL SKILLS

- **Programming:** C++, Python , JavaScript , SQL
- **Tools & OS:** Git, Jupyter Notebook, Google Colab, Linux, Windows
- **Libraries/Frameworks:** ReactJs , Express , JQuery , Bootstrap
- **Web Skills:** HTML/CSS/JS, ReactJS , NodeJS , Express , MongoDB , MySQL

POSITIONS OF RESPONSIBILITY

- **Senior executive** Entrepreneurship Cell, IIT Jodhpur May 2021 - Aug 2021

ACHIEVEMENTS

- **Top 1%** Placed among top 1% rankers in JEE mains 2020
- **Top 1%** Placed among top 1% rankers in JEE advanced 2020
- **NTSE Scholar** 2017
- Solved more than 600 problems across platforms like LeetCode and GeeksforGeeks