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Sankalp Mahajan

Education

2019–2023 Maulana Azad National Institute of Technology Bhopal,

Computer Science and Engineering, Bachelor of Technology.

GPA - 8.68/10

2017–2019 Gyan Ganga International Academy, Bhopal,

CBSE, Class 12. Percentage - 93.40%

Experience

Aug 2020- Senior Editor, EDITORIAL BOARD, MANIT.

Ongoing O Primarily responsible for the conceptualization, collation, and editing of English content for the annual institute

- o Conducted the annual institute survey, collecting data, comparing trends, drawing inferences to provide data driven behavioral insights to college students.
- Involved in overall management of the organization and its periodic subsequent events.

Sep 2021- Internal Web Development Contributor, EDITORIAL BOARD, MANIT.

Ongoing o Involved in delivering a long needed web platform for the oldest student organization in MANIT.

- Brainstormed over months to find the right set of technologies to be used in the development of the website with the minimum cost overhead.
- Implemented specific designs through working with in-house designers to provide a clean and clutter free interface.

Projects

April 2021- Personal Content Management System using React, MongoDB and more.

Ongoing • Implemented dynamic content readers using react hooks and map function.

- Created a simple system for exercising edit/delete options easily for each of the posts on the website.
- Combined various different technologies like React, MongoDB, nodejs and other concepts.

May 2018- Block Chain Decentralized Finance (DeFi) Bank Application.

Nov 2018 • Implemented a decentralized web application, for the internet computer (ICP) using motoko language as the base, implementing smart contracts.

o Developed rules following the blockchain principles of distributed ledgers to develop trusted client environment.

Skills

Languages C/C++, Python, SQL, HTML, JavaScript

FRMs/LIBs Express, React, Jquery

WebD CSS, EJS, Node.js, MongoDB

Cloud Amazon's AWS

Utilities Git, Sublime Text, Pycharm, Hyper, Jupyter Notebook

Communication English, Hindi, Marathi

Relevant Courses

Core Data structures and Algorithms (Basic + Advanced), Database management systems, Operating systems, Computer Networks

Electives Artificial Intelligence, Software engineering, Data warehousing, Parallel and distributed algorithms