Sankalp Mahajan

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Education

2019–2023	**Maulana Azad National Institute of Technology Bhopal**, *Computer Science and Engineering*, Bachelor of Technology. GPA – 8.68/10
2019	**Gyan Ganga International Academy, Bhopal**, *CBSE*, Class 12. Percentage – 93.40%

Experience

Aug 2020– Ongoing **Senior Editor**, EDITORIAL BOARD, MANIT.
- Primarily responsible for the conceptualization, collation, and editing of English content for the annual institute magazine, Excelsior.
- 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– ongoing **Internal Web Development Contributor**, EDITORIAL BOARD, MANIT.
- 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– Ongoing **Personal Content Management System using React, MongoDB and more**.
- Implemented dynamic content readers using react hooks and map function.
- Created an authentication system for admin content access and exercising edit/delete rights.
- Combined various different technologies like React, MongoDB, nodejs, Auth and other concepts.

May 2018– Nov 2018 **Block Chain Decentralized Finance (DeFi) Bank Application**.
- Implemented a decentralized web application, live on the internet computer (ICP) using motoko language as the base.
- Developed rules following the blockchain principles of distributed ledgers to develop trusted client environment.
- Deployed the application with smart contracts on the ICP.

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