Shobhit Singh

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Bachelor of Technology
Computer Science and Engineering

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EDUCATION

•**Bachelor of Technology in Computer Science and Engineering**   *2021-25*

J.C. Bose university of science and technology , YMCA , Faridabad   Current CGPA: 7.936

PERSONAL PROJECTS

• **Realtime Chat App**

A react based web application which allow users to chat in real time via webSockets

- Used JWT Authentication to facilitate authentication & MongoDb Atlas to store data.
- Used Socket.io library to maintain the websocket connection.
- Technology Used: Reactjs, NodeJs, ExpressJs, mongoDB, ChakraUi, Socket.io, JavaScript
- Working Video

• **Comics-App**

A web application enhanced with machine learning models for manga-creators to upload, read, colorize the black and white manga.

- Used the OAuth session based Authentication of Google and Twitter with PassportJs.
- Used Multer to transfer the pdf from frontend to backend.
- Used base64 string format to store the images in DataBase
- Technology Used : MongoDb, ReactJs, NodeJs, Python, ML, JavaScript
- Working Video

• **Instagram Clone**

A react base application which allows users to post images, follow others, like and unlike the posts, comments much more.

- Used JWT Authentication and added Forgot Password feature using sendGrid.
- Used imgbb and cloudinary to store the images in cloud.
- Technology Used: MongoDb, Reactjs, Bootstrap, NodeJs, JavaScript.
- Working Video

• **My-Anime-List Clone for Singers**

A web application allows users to track the songs of their favourite singers categorize them in watched and toWatch section.

- Used Bcrypt and passportJs for authentication and mongoDb to store the data.
- Used Youtube Data Api to fetch the top songs of singers.
- Used SerpApi for the autocorrection of mistyped singer names.
- Technology Used: MongoDb, Ejs, Bootstrap, NodeJs, JavaScript, Api, Bootstrap
- Working Video

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Javascript, HTML+CSS, Python
Libraries : C++ STL, Python Libraries, Javascript Libraries(npm/yarn)
Web Dev Tools: Nodejs, VScode, Git, Github
Frameworks: ReactJs
Cloud/**Databases**:MongoDb, Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Backend Engineering, Web Design and Development, Data Security.
Soft Skills: Competitive Programming, Problem Solving (200+questions solved on leetcode), Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

• **Registrations Volunteer** Mega Manan Club Coding Contest , YMCA   *Oct - Dec 2023*

- Helped to attract close to 300 attendees to the event.
- Participated myself to score 5th position in College.

• **In Backend team** In the development of backend for the quiz contest held all over the college   *Aug 2023*

- Helped in declaring the winner.
- More than 1000 students took part in the quiz.