MOHAMMED SAMEER SHEIKH

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Education

IIIT,Allahabad	**2020 – Present**
Bachelor of Technology in Electronics and Communication Engineering	*CGPA:8.82*
Prestige Public School,Indore	**2017 – 2019**
Central Board of Secondary Education – Class 12th	*Percentage:87.2*
Rajeshwar Higher Secondary School,Mhow	**2016 – 2017**
Central Board of Secondary Education – Class 10th	*CGPA:10*

Accomplishments

- Best Rank of 1010/20000+ in CodeForces Round 882(Div 2).
- Secured 527 and 1140 ranks in CodeForces Div 3 rounds - #888 and #883 respectively.
- Best Rank of 343/20000+ in LeetCode Biweekly Contest 107.
- Specialist at CodeFroces with max rating 1401.
- Solved more than 500+ Coding Questions on all platforms combined.
- Scored 9.43, 9, 8.92 GPA in Data Structures and Algorithms, Professional Communication and Computer Networks Semester Courses respectively.
- Qualified JEE MAINS 2020 with 99.023 percentile and was among Top 1% Students in India at Undergraduate Level.
- Recipient of Indian Government Scholarship for Meritorious Students.

Projects

Real Time Chat Application | *ReactJS, NodeJS, MongoDB*   **Live Website**⇗ **Github**⇗
- Developed the User Interface of the Chat App using React.js, Vite.js and Chakra UI. Used React Router and Context API for building super fast single-page application.
- Developed the Backend of the Chat App using Node.js. Used Express.js to build fast RESTful APIs for User data, Chats data (one-to-one and group chats) and Messages data. Implemented User Authentication using JSON Web Tokens. Stored User Credentials in Encrypted form on the Database using Bcrypt.
- Defined Users, Chats and Messages Schemas using Mongoose for MongoDB.
- Implemented Real-Time Messages and Notifications functionality using Socket.IO WebSockets.
- Added User-Friendly Features Such as - Searching Users, Realtime Notifications, Creating Group Chats, Adding and Removing Users from groups, Changing Group Names and Viewing Other User's Profile.

Dynamic Personal Portfolio Website | *ReactJS, ViteJS, TailwindCSS*   **Live Website**⇗ **Github**⇗
- Developed Dynamic Personal Portfolio Website using React.js, Vite.js and TailwindCSS.
- Integrated a contact form using getform.io, to facilitate seamless communication with clients.
- Incorporated a Weather App as an additional feature into the portfolio website, leveraging the OpenWeather API to enable clients to search for the weather of any city. The Weather App provides real-time weather updates.

Relevant Coursework

- Data Structures and Algorithms
- Operating Systems
- Computer Networks
- Database Management System
- Object Oriented Programming
- Social Network Analysis

Technical Skills

Languages: C, C++ (Proficient), HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, DevC++, Pycharm
Technologies/Frameworks: Linux, Git, GitHub, NodeJs, ExpressJs, MongoDB, ReactJs

Extracurricular

Aparoksha'22	**December 2021 – April 2022**
Core Team Member	*Finance Department*

- Involved in preparing the budget of festival along with Heads of the Department,Festival Coordinator and Board of Festival Organizers
- Managed a team of 5 members and ran weekly meetings to oversee progress in organizing various events.
- Hired and worked with 50+ Campus Ambassadors across India from different universities to work towards goals, to improve awareness about the festival and to promote community learning.