ANSH AGRAWAL

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Education

Madhav Institute of Technology & Science Gwalior (M.P)	2021-2025

Bachelor of Technology in Information Technology
CGPA – 8.32

Intermediate (Class XII) Percentage – 86.2%	2021
Matriculate (Class X) Percentage – 83%	2019

Experience

Trainee for Tata Motors Ltd.   May 2024 – July 2024

- Created an Application for Tata Motors Ltd, Pantnagar, Uttarakhand.
- This application is named as MES System Health Tracking (MSHT)
- MES is an information system that help in effective execution of manufacturing operations. This creates reports on plant activities in real time data from order release, to manufacturing, to delivery, to the finished goods inventory.
- MSHT application is based on JavaScript which keeps track on physically deployed systems in plant premise.
- This displays insights of CPU like temperature, RAM usage, CPU load, CPU usage, cache memory, last login time and date, last rebooted time which helps Tata Motors a lot to maintains the information about their system.
- This may reduce the maintenance time for system, cost savings, workers safety, operational efficiency, quality control and many more benefits for production industry.

Projects

Chat Application (Full Stack Development)

- Created an application having functionality of one-to-one chat, group chat, create new group and many more.
- Functionality of Video call, Voice call in app.
- User Authentication, Real-time messaging, File sharing, Search functionality.
- Responsive and user-friendly interface.

Doctor Appointment Booking Application (Full Stack Development)

- This application helps patient to make contact with doctors and help them to book an appointment.
- Here all interaction is private, safe and secure with authorization.
- Doctor Availability Management, Patient records management, Appointment remainders, Payment processing using Rayzor Pay.

Online Voting App Using Blockchain

- This full stack application helps to organize polling or voting in decentralized way.
- Only registered candidate can vote and admin can see result in visualization form.
- User Authentication and Authorization, Voter registration, User-friendly interface, Anonymous voting, Auditing and Verification
- Blockchain make every transaction of vote very safe and authenticate with decentralized system and servers, so there is a safety layer of blockchain for every transaction of vote from user to contestant.

Video Conferencing App
- Wave is a video conferencing application in which multiple users can make a room and did a meeting with video and audio facility.
- This also provide facility of recording and storing it.
- Video and audio call is done with help of Stream JS library and validation of user is done by clerk authentication.
- This application is made with vibrant technology Next-Js.
  Link - https://wave-xi-eight.vercel.app/

Portfolio Website
- This is my parallax interactive portfolio in which you may have my project experience, my skills, and many more.
  Link - https://ansh-agrawal-portfolio.vercel.app/

Skills

Software Skills – C++, JavaScript, Python, Full Stack Development
Technical Skills – MySQL, Data Structures and Algorithms

Achievements

- Qualified GATE - CS: Computer Science and Information Technology 2024
- Outcome Based Education (OBE) Coordinator, Information Technology, MITS Gwalior (M.P)
- Alumni Coordinator, Information Technology, MITS Gwalior (M.P)
- Secured 3rd position in Code-of-Duty, MITS Gwalior (M.P).

Relevant Links

LinkedIn - https://www.linkedin.com/in/ansh-agrawal-396116251/
GitHub - https://github.com/Annssh

Drive link for Projects - https://drive.google.com/drive/folders/12OoEdhArSn4j9SIHiKx_puLMNGdgnMaF?usp=sharing