ATUL SINGHAL

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Education

- **Jaipur Engineering College and Research Centre**   Jaipur
  Bachelor of Technology in Electronics and Communication; CGPA: **8.99/10**   2020-2024
- **Disha Senior Sec School , RBSE Board**   Neem ka thana
  Rajasthan board; **75.20%**   2018- 2019
- **St. Xavier`s Sec School, RBSE Board**   Neem ka thana
  Rajasthan board**; 84.50**%   2016 – 2017

Skills

- Languages**: C/C++, DSA**
- Frontend: **HTML, CSS ,ReactJS, JavaScript**
- Backend: **Node JS, Express JS**
- Database Management**: MongoDB**
- Operating System: **Windows, Linux**
- **Problem Solving (Leet code , Coding Ninja ,Code Chef) in DSA**
- **WEB flow**

Projects

YouTube backend | Node js, Express js, MongoDB, npm , mongoose, prettier, nodemon, cloudinary, cors, cookie-parser, dotenv, jsonwebtoken, multer, aggregation pipeline.
  (GitHub: https://github.com/singhalatul/youtube-backend)
- By using all npm packages, I used to design a YouTube like backend system in which all functions are there like full user authentication, like, subscribe, playlist.
- Define different schemas to store data in database and it gives efficiency in performance
- Use aggregation pipeline to connect one schema to other.

Fahrenheit to Celsius | ReactJS, HTML, Tailwind CSS
- Designed a temperature changing web page which changes temperature Celsius to Fahrenheit by changing cities and countries
- Use custom hooks for handling requests , Tailwind CSS for responsiveness.

E-commerce Website | ReactJS, NodeJS, Express JS, MongoDB, Axios, npm packages
- Designed and deployed a user-friendly E-Commerce website in which user can do online shopping
- Designed a user-friendly interface which uniquely defined the product items by their category

Fire Safety Drone for animals |Arduino uno, Arduino nano, MPU6050, Proteus8professional(hardware project)
- Designed and develop a flight drone with mpu6050 gyroscope for stability of x, y, z axis.
- Designed a controller with Arduino nano for flight control.

Certificates

- **MERN** training from REGEX INFO TECH(45 Days).
- **ServiceNow Certified Application Developer certification.**
- **ServiceNow Certified System Administration certification.**
- **C/C++/DSA** from MATRIX (270 DAYS).
- Earn **JavaScript** and data Structure(300 hours) course certificate at free Code Camp.

Extra Curricular

- Volunteered in various social activities such as mass feeding campaigns.
- Worked as a volunteer in Helping hand group.