MOHIT SHARMA

Attended Aligarh Muslim University

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SUMMARY

I am an **Electrical Engineering student at Aligarh Muslim University**, passionate about exploring advanced technologies such as **radar systems, stealth aircraft design, RF communications, and embedded electronics**. While I am still in the **learning phase**, I am steadily building **strong foundations in core EE subjects** and complementing them with practical skills in **MATLAB, Python, and circuit simulation tools**.
I have **recently completed the MATLAB Onramp self-paced course with 100% progress**, which strengthened my fundamentals in simulation and computational problem-solving.

Currently, I am diving into **radar signal processing, RF jamming concepts, and simulation-driven system design**, with a focus on understanding how these technologies can be applied to **real-world defense and aerospace challenges**. My long-term aspiration is to contribute to organizations like **ISRO, DRDO, or HAL**, where I can be part of projects that **push technological boundaries and strengthen national capabilities**.
I believe in **continuous learning, hands-on projects, and a strong technical base** as the stepping stones to grow into a **skilled engineer ready to take on future challenges**.

EDUCATION

10/2024 - 07/2028
● Bachelor of Technology - BTech, Electrical engineering
Aligarh Muslim University

2023 - 2024
● Senior Secondary Schooling (Class 12th)
Aligarh Muslim University

2020 - 2021
● Secondary Schooling (Class 10th)
UP-BOARD

SKILLS

HTML   **CSS**   **JAVA SCRIPT**   **MONGOOSE**   **MONGODB**   **VERCEL**   **GITHUB**   **NETLIFY**   **EXPRESS.JS**

PROJECTS

Portfolio

🔗 https://sharmamohit.vercel.app/

- **Designed and developed a personal portfolio to showcase my academic journey, technical skills, and defense-focused projects. Built using HTML, CSS, and JavaScript with plans to integrate backend using Express.js**

Blogging Application

🔗 https://mohitblog.vercel.app

- **Developed a dynamic blogging platform using HTML, CSS, JavaScript, Firebase(Authentication, Realtime Database) and with a NoSQL database. Features include user authentication, post creation/editing, and comment functionality. Focused on clean UI, RESTful routing, and backend logic to manage blog content. Built to strengthen my full-stack development and database handling skills.**

Study Together

🔗 https://togetherstudy.vercel.app/

- **A platform that transforms solo studying into a shared experience. Students can sync YouTube or Google Drive videos, share real-time timestamps, and chat instantly in secure virtual rooms. Built with Node.js, CSS, Firebase(Authentication, Realtime Database), the YouTube iFrame API, and deployed on Vercel for a fast, seamless experience.**

Weather App

🔗 https://mohit-weather.netlify.app/

- **Built a responsive web application using HTML, CSS, and JavaScript to fetch and display real-time weather data using the OpenWeather API. The app shows temperature, humidity, wind speed, and location-based forecasts. Designed with a clean UI and structured codebase to practice API integration and frontend development.**

INTERESTS

🔶 **Defense Technology and Space Research (ISRO/DRDO)**

🔶 **Radar Signal Sensing & Signal Intelligence**

🔶 **RF Jamming & Electronic Warfare**

🔶 **Satellite Communication Systems (NaVIC, GPS, IRNSS)**