MOHIT SHARMA

Attended Aligarh Muslim University

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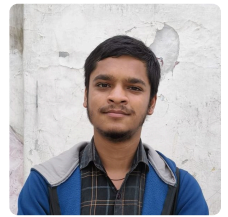
SUMMARY

I am a dedicated Electrical Engineering student at Aligarh Muslim University, deeply interested in learning and exploring technologies like radar systems, stealth aircraft design, RF communications, and embedded electronics. My current focus is on building strong foundations in core EE subjects while developing practical skills through MATLAB, Python, and circuit simulation tools.

I am actively learning radar signal processing, RF jamming, and simulation-based system design, aiming to apply this knowledge to real-world challenges in the defense and space sectors. My long-term goal is to contribute to organizations like ISRO, DRDO, or HAL—working on cutting-edge technologies that strengthen national capabilities. I believe that consistent learning, project-based exploration, and strong technical grounding will shape my path forward.

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   SQL DATABASE   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

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 OpenWeatherMap 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.

Blogging Application

🔗 https://mohitblog.vercel.app
- Developed a dynamic blogging platform using HTML, CSS, JavaScript, and Python (Flask) with a MySQL 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.

INTERESTS

🔶 **Radar Sensing & Signal Intelligence**

🔶 **RF Jamming & Electronic Warfare**

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

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