MOHAMMED NOMAAN

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EDUCATION

Muffakham Jah College of Engineering and Technology, India **2021 - 2025**

- *B.E (Electronics and Communication Engineering)* *(expected)*

SKILLS

C++ | C | Python | JavaScript | Internet of Things (IoT) | Arduino IDE | Robotics | Github | Canva | VS Code | PCB Designing | HTML5 | CSS | Digital Marketing

WORK EXPERIANCE

Technology Special Interest Group MJCET **Aug 2022- May 2024**

- Worked and learned on many projects, hardware and software skills and also experienced the problem solving in c and c++. Trained in PCB designing and printing. Worked on
- Front-end development.

Hack Revolution by ACES **Mar 2021 - Dec 2022**

- Worked in hands on Smart Pharmacy using harware and software like cloud MQTT server and Django.
- Managed project timelines, reducing delivery times by 30%.
- Spearheaded the adoption of cutting-edge engineering software, improving project accuracy by 15%. Collaborated with cross-
- functional teams, enhancing project success rates by 10%.

Codesoft internship **Feb 2020 - Jan 2021**

- Internship in web development including technologies like node.js, express.js and java script. Internship in Python
- development with minor projects.

IEEE CAS MJCET **Apr 2023 - Present**

- Technical team member and also as project co-ordinator and also event volunteer.

PROJECTS

- **Prototype Humanoid :** **Dec 2022**

Designed and implemented a humanoid prototype employing servo motors for precise and dynamic motion control. Successfully integrated servo-driven mechanisms to emulate human like movements, showcasing proficiency in robotics and mechatronics.

- **Smart Pharmacy :** **Dec 2023**

Engineered a Smart Pharmacy system integrating stepper motors and custom software for automated inventory management. Implemented precision-controlled stepper motors to optimize drug dispensing processes, demonstrating proficiency in mechatronics. The accompanying software facilitated seamless tracking and replenishment.

- **Smart Solar Tracker :** **Apr 2024**

Designed and implemented a Smart Solar Tracker system leveraging servo motors, LDR sensors, and Arduino technology. Achieved optimal solar panel orientation by dynamically adjusting angles based on real-time sunlight intensity. The integration of servo motors, LDR sensors, and Arduino highlighted a comprehensive approach to efficient solar tracking

POSITIONS OF RESPONSIBILITY

- **Senior Execom in Technology Special Interest Group MJCET** **May 2022 - Apr 2024**

Team member and project co-ordinator.

- **Treasurer and Execom in IEEE CAS MJCET** **Apr 2023 - Present**

Technical team member and also as project co-ordinator and also event volunteer.

- **Senior Execom in Team Robocon MJCET** **Oct 2024 - Present**

Costomization and Project Co-ordinator