Mohammed Abdullah Ali Irshad

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# PROFILE

* Fourth- year Electronics and Communication Engineering student with hands-on experience in Machine Learning, AGI, IoT, and through various internships and projects.
* Eager to apply acquired skills to opportunities in the IOT and AGI fields, with a commitment to innovation and continuous learning in the evolving tech landscape.

# SKILLS

|  |  |  |
| --- | --- | --- |
| * Artificial Intelligence(AI) ● * Machine Learning (ML) ● * Natural Language Processing (NLP) ● * Predictive Modeling ●   ●  **EXPERIENCE** | Data Visualization Data Analysis  Data Preprocessing NodeRED  Model Training & Evaluation | * Database Management System * Python * Data Structures and Algorithms * MQTT |

**Academic Projects**

## Smart Home Automation System Sept 2024 - Nov 2024

* Developed a prototype for a smart home system using Arduino and various sensors (temperature, motion, light).
* Implemented a mobile app interface for remote control and monitoring.
* Demonstrated the ability to integrate hardware and software components effectively.

**Fullstack To-Do App**

**React · Node.js · Express · AWS EC2 · PM2 · GitHub Actions**

* Developed and deployed a fullstack To-Do application using React (frontend) and Node.js with Express (backend).
* Hosted an application on AWS EC2 instance running ubuntu, with process management handled by PM2 for continuous availability.

## May 2025 - June 2025

* Configured Nginx and security groups to enable public access via EC2's IP address.
* Setup CI/CD pipeline using Github Actions to automate testings
* Managed server startup with systemd/PM2 and prepared frontend with serve for production.

**Enrun India**

## Intern, IoT Development Team Aug 2023 - Sept 2023

* Assisted in the development and testing of IoT solutions for smart cities.
* Contributed to the integration of IoT devices with cloud services.
* Worked with cross-functional teams to deliver data-driven solutions, enhancing overall project outcomes and business strategies.

# EDUCATION

* Bachelor of Engineering in Electronics and Communication Engineering, Lords Institute of Engineering and Technology, 2025-Present

# VOLUNTEERING (OR EXTRACURRICULARS)

**Organizing Tech-Fest Event ( IIT-BOMBAY) Oct 2024**

* + Organized a Tech-fest Event in collaboration with IIT-Bombay.
  + Engaged with community members to share knowledge and promote IoT concepts.
  + Assisted in organizing and facilitating workshops focused on IoT and smart technology.