

MUNAZIR ALI

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Profile Objective:

- A dedicated result-oriented candidate with 5-Year of work experience in electronics industry.
- Experience in monitoring projects for cost, resource deployment, timeline, quality work and e-commerce.
- Worked different areas like IOT, Arduino, and Raspberry Pi, AVR, Drones, Aero modeling and MATLAB etc.
- I have strong knowledge of Electronic Components like Microcontroller platform & Electronic Development tool.
- Excellent communication skills in written and verbal both.

Educational Qualification:

- Bachelor of Technology (Electronics & Communication Engineering) (2009-2013) degree Passed from Teerthanker Mahaveer University.
- Intermediate Certificate Examination (Class XII) (2009) passed from F.D. Inter College, Moradabad (U.P.).
- High School Certificate Examination (Class X) (2007) passed from F.D. Inter College, Moradabad (U.P.).

Vocational Training Undertaken:

- Six Weeks Industrial Training on “**PRODUCTION DEPT.**” in “**KORTEK ELECTRONICS**” in Greater Noida (U.P).
- Four weeks Industrial Training on “**SWITCHING DEPT.**” in “**BSNL**” Moradabad (U.P).

Academic Project Undertaken:

- Design and Implementation of Solar Energy Based Single Phase SPWM Inverter using MATLAB/Simulink”.

Duties & Responsibilities: -Introduction Fundamentals of Matlab/Simulink, Solar cell and Single Phase SPWM inverter.

Team Size: 3

Project Duration: 3 Months

Experience:

- **2.2-**Years’ Experience as a Senior Research Engineer in R&D Dept. Times Globacom Private Ltd. From 1 April 2014 to 2 July 2016.
- **1.6 -**Year Experience as a Project Lead in Apptronix Technologies. From 7 July 2016 to 29 December 2017.
- **2-**Years Technical Head in Creatjet3D Labs (Vender Company of Niti Aayog India). From 25 February 2018 to 4 March 2020.
- Working as a Robotics Faculty in NIIT NGuru from 11 March 2020 to 31 July 2020.

Technical Skills

- **Technologies Aware of**

Electronic Hardware	Embedded System with AVR Microcontroller, Arduino, 3D Printer, Drones kit, Aero modelling kit, Raspberry pi, GSM, Wi-Fi module, RFID, RF, GPS, 7-Segment, LCD Display, Ultrasonic Sensor, Temperature Sensor, Force Pressure sensor, Soil and Moisture sensor PIR Sensor, Gas sensor and more
Electronic Software	AVR Studio, Arduino IDE, Python M-block EAGLE, MATLAB, Tinker Cad, RASPBIAN, X-CTU, PictoBlox, RF7 Aero modeling flying software and more

Projects:

- IOT based home Automation using ESP8266 Blynk App. and MQTT Protocol Controlled our office Appliances.
- IOT based location Tracker using ESP8266, GPS Module and Blynk App. Track a Car's location.
- GSM based Home automation using Arduino and SIM800L GSM Module using Cell phone-controlled Home appliances.
- Raspberry Pi based Credit Card size Computer using TFT Screen.
- Raspberry Pi Based Home Automation and weather station using Blynk server
- Door locking system using RFID and Arduino using this system we have unlocked Door Lock.
- Electronic Voting Machine using Arduino and LCD.
- Keyless Door locking System using Arduino and Numeric keypad.
- Wireless Sound Transfer using LASER Light.
- IOT based LPG Detector and Monitoring System using ThingSpeak server, ESP8266.
- Security Alarm system using Arduino and PIR sensor we have enabled light and Buzzer.
- MATLAB controlled Robot using Arduino.
- Design and Implementation of full Bridge Rectifier using MATLAB/Simulink.
- Cell Phone Detector Machine using Arduino and CA3130 IC using project, we can detect cell phone if someone try to call using his phone.

Extra-Curricular Achievement

- Working as a **Mentor of Change** in **AIM-NITI Aayog** Govt. of India.
- Presented a paper on the “Design and Implementation of Solar Energy Based Single Phase SPWM Inverter using MATLAB/Simulink” at **National Conference on Future Trends in Electronics & Communication NCFTEC-2013**, Organized by ECE Department of College of Engineering, TMU, Moradabad on May 2013.
- Having six Months diploma in Computer.
- Two year worked as member of “**PARYAVARAN CLUB**”.
- Worked as Event Coordinator on the occasion of “**Engineer's Day**” in 2012.
- Worked as Event Coordinator in “**QUIZONE**”, a quiz competition in 2013.
- Participated in “**Creative Writing**” Competition in 2012.
- Certificate of Participation in the “**BRAIN WRECK**” in 2011.
- Certificates Of “**Famous Educational Student Society**” in G.K.
- Delivered Technical Training on **Embedded System with Robotics and Embedded System with MATLAB**.

