



Muhammad Zaman

Electrical Engineer

My Contact

- ✉ mzaman2020@namal.edu.pk
- ☎ +923000052596
- 📍 Larkana, Sindh, Pakistan
- 🌐 <https://www.linkedin.com/in/engr-muhammad-zaman-a0b97b173>

Core Competencies

- Proteus
- Matlab

Skills

- Proteus
- Simulink
- AutoCAD
- Ansys
- Cisco Packet Tracer
- PVsyst

Education Background

- BS Electrical Engineering (2020-2024)
Namal Institute Mianwali
- Inter (2020)
Larkana College
Grade: A+
- Metric (2018)
Ghazali residential College
Grade: A+

Trainings and Certifications

- Robotics workshop
- UI/UX workshop
- IoT workshop
- CIT course
- Engineering Workshop

Volunteer Work

- Current Chairperson of welfare society NSSI (Namal Society for Social Impact) at Namal University Mianwali

About Me

I am a student of the Electrical Engineering department good at designing complex electrical systems and specializing in power systems and renewable energy. Passionate about solving design issues and ready to improve the efficiency of renewable plants.

Professional Experience

Electrical Engineer – Namal University 2023-Continue

- Leading the design and implementation of a Dual Power Generation System utilizing wind and solar energy sources.
- Developing project specifications and conducting simulations using MATLAB and Proteus software.
- Successfully transitioned from simulation to hardware prototype, achieving a power output of 500 watts.
- Conducting thorough testing and troubleshooting to ensure reliability and functionality.

Home Automation Project – Namal University 2022

- Designed a comprehensive home automation system integrating 10 sensors for various functionalities.
- Utilized Proteus simulation software to model and validate system behavior.
- Implemented sensor interfacing and control algorithms to enable automated actions based on environmental conditions.
- Presented project findings and outcomes to faculty and peers, demonstrating effective communication and presentation skills.

E-commerce Store – MZcarts

2022

It was my initiative to open an ecommerce store. I worked as a manager. We developed the site in React native, Purchased the Domain and Hosting named MZcarts.com on Hostinger, searched the products in the market and make a contract with the company manufacturers and local brands.

Projects

- Dual Power Generation System using wind and solar energy (FYP)
- Home automation system
- Designing of a network For software house (CCN)
- Home Designing AutoCad Project
- Incubator Using Embaded System
- Design of renewable Energy System Solar System

Achievements

- 2018 1st Position in Speech Competiton At Ghazali Residential College Larkana
- 2019 1st Position Speech Competiton At Mathematical Zone Speech Competition at Hyderabad