



# Muhammad Bilal

Electrical Engineer '25

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Kalur Kot, Bhakkar, Pakistan

Aspiring Electrical Engineer with foundational knowledge in telecommunications and a passion for innovation, with hands-on experience of circuit design, signal processing, and wireless communication.

## EDUCATION

### BS Electrical Engineering Namal University Mianwali

11/2021 - Present

Mianwali

#### Courses

- Control system
- Embedded systems
- Digital logic and design
- Object Oriented programming with C++
- Signals and Systems
- Communication system
- Power Electronics
- Qualitative and Computational Reasoning
- Data structures and Algorithms
- Digital Signal Processing

## WORK EXPERIENCE

### HR Head

Namal Dramatics Club

09/2024 - Present

### Management team

IEEE Namal University Branch

08/2022 - 07/2024

### Head of On Campus Marketing

Literature and Debating Society, Namal University

09/2023 - 12/2023

## SKILLS

Programming

Circuits

Communication

Marketing

Power Electronics

Embedded Systems

## PERSONAL PROJECTS

Tunable FSS for filtering and EMI shielding Applications (09/2024 - Present)

Car Rental System Using OOP (06/2022 - 07/2022)

Microcontroller Based Line Following and Obstacle detective Robotic Car using Embedded Systems (05/2023 - 07/2023)

DC motor speed and direction control (06/2023 - 07/2023)

Namal University Internet Network Simulation Using CISCO Packet Tracer (12/2023 - 01/2024)

Library Management System Using Python (06/2023 - 07/2023)

## ORGANIZATIONS

Namal University Mianwali

## CERTIFICATES

Namal Tech. Expo 2024 (04/2024 - 04/2024)

NSSI Cultural Festival Ambassador (06/2023 - 06/2023)

## LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

Saraiki

Native or Bilingual Proficiency

## INTERESTS

Electric Circuits

Programming

Communication

VLSI