

Muhammad Bilal

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Career Objective:

Dedicated, dynamic Electrical Engineer with a Bachelor's degree seeking an opportunity to produce outstanding results for the organization by applying my skills and knowledge which I have acquired throughout my career, and thereby ensure growth of organization and further enhance my skills.

Experience:

Internship at Bahria Town Lahore

August 2018 – Present

Operation and Maintenance of 28MVA (22.5MW) Power house.

Internship at Pakistan Aeronautical Complex Kamra

August 2017

Manufacturing and testing of airborne radars, radar warning receivers, Identification of Friend or Foe (IFF), Digital Audio Video and Crash Recorders, various mission computers and navigation systems.

Internship at Islamabad Electric Supply Company

July 2017

Detail testing of Transformer Relays and Grid equipment's. I observed the Operation and Maintenance of Grid Station.

Education

BS Electrical Power Engineering

2014-2018

COMSATS University Islamabad, Islamabad Campus

CGPA: 3.16/4.0

F.Sc (Pre-Engineering)

2012-2014

Fazaia Degree College ARF PAC Kamra, Punjab Pakistan

Grade: A, Percentage: 76.6%

Matriculation (Science)

2010-2012

Fazaia Degree College ARF PAC Kamra, Punjab Pakistan

Grade: A+, Percentage: 81.7%

Technical Skills:

- Design and implementation of Digital Circuits.
- Knowledge and troubleshooting of complex electrical circuits.
- Both practical as well as theoretical knowledge of different Electrical Instruments.
- Good knowledge of circuits boards, microcontrollers and electronic equipment.
- Strong mathematical skills

Software :

- MATLAB
- Arduino
- Proteus
- AutoCAD
- Atmel Studio
- MS Office
- Lt Spice
- Eagle
- LabVIEW
- OrCAD

Projects:

- Design of PWM Invertor AC Drive System
- line based Maze solving Robot using Atmega16 Microcontroller
- Audio Amplifier
- H Bridge
- Changing of voice by shifting the angle of pitch.
- Arduino based Digital Voltmeter
- Design of Medium Transmission line using Drake Conductor
- Automatic Street Light Control
- Design of Variable DC power supply(0-30V)

Subject of Interests:

- Power System Protection
- High Voltage Engineering
- Power Generation
- Renewable and Alternate Energy Systems
- Power System Analysis
- Power Transmission
- Control Systems
- Digital Signal Processing
- Power Electronics
- Electric Machines

Personal Skills:

- Strong communication skills.
- Motivated to learn from experience and to apply my skills and abilities in giving perfection.
- Able to act on initiative, identify opportunities & proactive in putting forward ideas & solutions.
- Manage time effectively, prioritising tasks and able to work to deadlines.
- Exceptional listener and communicator who effectively conveys information verbally and in writing.

Languages:

- English
- Urdu