

Aqib Safeer

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Technical Skills

- C++
- Circuit Design
- Signal Processing

Tools

- Proteus
- Visual Studio
- MATLAB
- Arduino IDE

Soft skills

- Problem solving
- Communication Skills
- Intelligence Gathering
- Collaboration
- Leadership Qualities
- Time Management

Languages

- English
- Urdu

Professional Summary

Highly motivated Electrical Engineering graduate with a solid foundation in power systems, circuit design, and control technologies. Demonstrated ability to analyze, design, and implement efficient electrical solutions through academic projects and hands-on training. Passionate about leveraging technical expertise and innovative thinking to solve complex engineering challenges. A quick learner with strong problem-solving skills, ready to contribute to impactful projects and grow within a dynamic engineering environment.

Education

BS Electrical Engineering	2021-2025
NUST,CEME	3.23-GPA
F.SC in Pre-Engineering	2019-2021
F G Sir Syed College,The Mall Road, Rawalpindi	95.45%
Matric	2017-2019
Fauji Foundation Model School, Kamalabab, Rawalpindi	95.7%

Experience

Internship in NESCOM,H-13	(2024-07-15 to 2024-09-15)
Attended Arduino-based lectures and developed small-scale projects, gaining hands-on experience in programming and circuit design.	
Internship in DG Khan Cement Pvt Ltd. (Khairpur Plant)	(2025-07-21 to 2025-08-22)
I explored different power sources, observed their distribution and protection systems, and reviewed the overall operation of the entire plant.	

Projects

Arithmetic Logic Unit (ALU)

Design and implemented functional ALU using VHDL to perform logic and arithmetic operations

Power Supply Design

Designed and tested a reliable AC-to-DC power supply circuit with regulated output, ensuring stability and Efficiency.

Transformer Design

Designed and simulated a transformer model to meet specific voltage and current requirements, validating all design parameters.

Design and Build 3D Printer (FYP)

Designed and built a functional 3D printer from scratch, integrating mechanical, electrical, and firmware components.Developed the control system using Marlin firmware and Ardiuno-based electronics Calibrated the motion, extrusion, and heating systems to ensure accurate 3D 3D Printing performance, optimization and reliability.