

# Haseebullah Sardar Khan Niazi

Rawalpindi, Pakistan | 0315 0696251 | [haseebskn@gmail.com](mailto:haseebskn@gmail.com) | [linkedin.com/in/haseebullah-sardar-khan-niazi](https://www.linkedin.com/in/haseebullah-sardar-khan-niazi)

## CAREER OBJECTIVE

I'm passionate about blending **Power Systems, Machine Learning/AI, and Embedded Systems** to create smarter, more efficient solutions in **electrical engineering**. I love tackling real-world challenges, especially where **ML and embedded technologies** can enhance automation and sustainability in electrical systems. With a strong problem-solving mindset and a drive for continuous learning, My goal is to stay at the forefront of technology, collaborating with others to build solutions that shape a smarter, more connected future.

## EXPERIENCE

### COSMOTECH

ML/AI Intern

Islamabad, Pakistan

August 2024 – September 2024

- Worked on embedded systems, sensor integration and Project “**Non Invasive Blood Glucose Monitoring**”.
- Developed a project “**Oximeter**” for healthcare applications.
- Focused on leveraging AI and ML to develop innovative solutions for the betterment of society.
- Gained hands-on experience in developing and optimizing machine learning models for real-world applications.
- Contributed to the advancement of healthcare technology through data-driven insights and automation.

### Pakistan Aeronautical Complex

Intern

Kamra, Pakistan

May 2023–August 2023

- Gained in-depth knowledge of embedded systems used in aircraft, including avionics and radar technology.
- Explored the latest advancements in aerospace technology and their real-world applications.
- Observed and analyzed how large-scale industries operate, enhancing my perspective on engineering in industrial sector.

### Pepsico

Management Intern

Islamabad, Pakistan

July 2024–August 2024

- Learned about management and responsibilities of a manager.

## PROJECTS/HONOURS & AWARDS

**Final Year Project : Non Invasive Blood Glucose Monitor**, Traffic Analysis using Semantic Segmentation, Buck Converter, Audio Amplifier, RISC, DTMF Coder and Decoder, Patch Antenna, BMS, Transformer, Audio Amplifier, Soil Moisture Detector, ALU, Music system GUI (C++), Puzzle game ( C++), Metal Detector.

## SKILLS

- Power System Analysis, C++, Machine Learning, MATLAB, Ansys, Arduino, Control Systems, Circuit Design (Proteus, Ltspics and Multisim), AutoCad, Modelsim, Quartus Prime.
- Fluent in English, and Urdu, Beginner in Spanish.