



Sarfaraz Khan

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📅 30/12/1998 🇵🇰 Pakistani 🏠 17301-4484643-5 🤝 Unmarried

🚗 100000327943 License Type: M.CYCLE + M.CAR/JEEP ONLY 👤 Male

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PROFILE

A highly motivated and adaptable professional with a strong work ethic and a commitment to excellence. I possess a diverse set of skills and qualifications that make me a valuable asset in various industries. My ability to learn quickly, work well in teams, and communicate effectively allows me to excel in dynamic work environments. I am eager to contribute my skills and enthusiasm to any role and organization, with a dedication to delivering results and exceeding expectations.

EDUCATION

2017 Peshawar, Pakistan	Matric University Public School (UPS)
2019 Peshawar, Pakistan	Inter University Collage for Boys (UCB)
2023 Peshawar, Pakistan	BS (Electronics) University of Peshawar (UOP)

PROFESSIONAL EXPERIENCE

UET Peshawar

intern

Artificial Intelligence in Healthcare(AIH), National center of Artificial Intelligence (NCAI)

UNHCR

Surveyor

Jehaad for Zero Thalassemia (JZT)

Volunteer

Thalassemia Awareness, Activities, Trainings & Blood Donation Camps.

AID International

Volunteer

AID International is a non-profit organization based in Pakistan that focuses on promoting sustainable development goals, human rights, basic health, and peace.

Culture and dramatic Society UOP

Vice President Students Society

Iconsult Pakistan

Field Supervisor

HEC

Invigilator

SKILLS

Electronics Skills:

Circuit design and analysis.
PCB (Printed Circuit Board) design.
Analog and digital electronics.
Microcontroller programming (e.g., Arduino, Raspberry Pi).
Troubleshooting and diagnostics.
Knowledge of electronic components.

Software Tools:

CAD software for circuit and PCB designs (e.g., Altium, Proteus, Eagle, Easy EDA and Xilinx etc).
Simulation software (e.g., SPICE).
Microcontroller development environments (e.g., Arduino IDE).
Microsoft Office Suite (Excel, Word, PowerPoint).

Problem Solving and Analytical Skills:

Analytical thinking.
Troubleshooting complex electronic systems.
Critical thinking.

Programming Skills:

C/C++ for embedded systems.
Python for data analysis or automation.
MATLAB for simulation and modeling.

Technical Skills:

Soldering and PCB assembly.
Prototyping and breadboarding.
Knowledge of electrical safety protocols.
Firmware development.
Hardware testing and validation.

Adaptability and Learning:

Willingness to learn and adapt to new technologies.
Keeping up with industry trends and advancements.

Lab and Testing Equipment:

Oscilloscopes.
Multimeters.
Signal generators.
Spectrum analyzers.
Logic analyzers etc.

Communication and Teamwork:

Effective communication of technical concepts.
Collaborative teamwork.
Documentation and technical report writing.

PROJECTS

DESIGNING & IMPLEMENTATION OF A HIGH CURRENT WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLES

RADAR USING ARDUINO AND ULTEASONIC SENSOR

IOT BASED WEATHER STATION

OBSTACLE AVOIDING ROBOT

ESP32 TO ESP 32 COMMUNICATION

AWARDS

Certificate

JZT

Certificate

AID international

Certificate

Shaukat Khanum

Certificate

Culture event (UOP)

LANGUAGES

English



Urdu



Pashto



INTERESTS

• Sports

• Photography

• Exploring

• Sufi Music

REFERENCES

Available on request

DECLARATION


