Abdul Rasheed

Date of birth: 10/01/1996 | **Nationality:** Pakistani | **Phone number:**

(+92) 315340856 (Mobile) | **Email address:** abdulrasheed.be15@iba-suk.edu.pk |

Website: https://github.com/AbdulRasheed-01 | **LinkedIn:**

https://www.linkedin.com/in/abdul-rasheed-soomro |

WhatsApp Messenger: +923153404856 |

Address: Bungalow No# E-553 Sector-4 Township Near City Bypass Sukkur,
65200, Sukkur, Pakistan (Home)

ABOUT ME

In the dynamic world of technology, my passion is the driving force that propels me to explore the boundless possibilities that emerge at the intersection of innovation and creativity. With a keen eye for detail and a reputation for going above and beyond, I am a proactive and results-oriented professional committed to excellence in every aspect of project management and execution. My resourceful problem-solving skills ensure the seamless translation of complex ideas into actionable strategies, consistently delivering impactful results.

WORK EXPERIENCE

19/10/2022 – CURRENT Sukkur, Pakistan
ROBOTICS ENGINEER SUKKUR IBA UNIVERSITY

- Stay updated on the latest developments in Robotics Technology.
- Develop and implement algorithms for Human-Robot Interaction.
- Work on the integration of sensors, actuators, and other hardware components into the robotic systems.
- Provide guidance and assistance to students in Robotics and IoT during lab sessions.
- Create and maintain documentation for the robotic systems, including code documentation, user manuals, and technical specifications.
- Organize workshops to share knowledge and insights within the team or the wider community.

05/10/2020 – 07/09/2022 Sukkur , Pakistan
ROBOTICS AND AUTOAMTION INSTRUCTOR SUKKUR IBA UNIVERSITY

- Developed and updated curriculum materials for robotics and automation courses.
- Designed lesson plans, assignments, and projects.
- Deliver lectures and practical sessions on robotics and automation concepts.
- Facilitate hands-on laboratory sessions to reinforce theoretical knowledge.
- Designed and conducted assessments, exams, and projects to evaluate student understanding.
- Maintained records of student performance and attendance.

Sukkur, Pakistan
ICT COURSE MENTOR SUKKUR IBA UNIVERSITY

During my tenure at Sukkur IBA University, I served as a Mentor in the National Talent Hunt Program (NTHP), the university's pioneering National Level Scholarship initiative. In this role, my primary responsibilities included:
- Assisted newly admitted students in adjusting to university life.
- Assisted students in understanding and navigating their academic coursework.
- Helped students to explore and understand their career interests and aspirations.
- Facilitated networking events to broaden students' perspectives and connections.

15/11/2019 – 27/12/2019 Sukkur, Pakistan
INTERN SUKKUR ELECTRIC POWER COMPANY (SEPCO)

- Becoming familiar with various equipment used in a grid station, such as transformers, circuit breakers, isolators, and relays.

- Exposure to Supervisory Control and Data Acquisition (SCADA) systems used for monitoring and controlling the grid station remotely.
- Learned and followed safety protocols and procedures associated with working in a high-voltage environment.

EDUCATION AND TRAINING

03/08/2015 – 04/10/2019 Sukkur, Pakistan
BACHELORS OF ELECTRICAL ENGINEERING Sukkur IBA University

Website https://www.iba-suk.edu.pk/

Sukkur, Pakistan
DIPLOMA IN INFORMATION TECHNOLOGY Sukkur IBA University

Website https://www.sbte.edu.pk/

DIGITAL SKILLS

Python Programming | C, C++ Programming | Microsoft Office 365 | Machine Learning | Computer Vision | Linux | Arduino Programming | ESP32 Microcontroller | Internet of Things | Raspberry Pi Interfacing and Programming | 3D Designing and Printing | Robot Operating System

LANGUAGE SKILLS

Mother tongue(s): **SINDHI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

PROJECTS

Final Year Thesis and Project I completed my undergrad project, entitled Autonomous Robotic Arm Based on Computer Vision, with a thesis. This project involved the development of a robotic arm capable of autonomous articulation and color sorting.

Link https://github.com/AbdulRasheed-01/Final-Year-Project

HONOURS AND AWARDS

03/08/2015
Fullly Funded Scholarship – Sukkur IBA University I was awarded a fully funded scholarship throughout my four years of Bachelor's Degree Program.

RESEARCH ARTICLE

19/12/2023
Nao Robot's Vision Control And Kick Motion Generation

I have submitted my Research Article in the "Engineering, Technology and Applied Science Research" (ETASR) Journal. This article is under the first review.

Link https://github.com/AbdulRasheed-01/Certification/blob/main/Nao robot's vision control and kick motion generation.pdf

ONLINE COUSES AND JOB CERTIFICATES

Robotics Engineer Job Experience Certificate

Link https://github.com/AbdulRasheed-01/Certification/blob/main/Robotics Engineer Job Certificate.png