# 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-b655b3129/ |

**Address:** 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. Professional presence with ability to work with supervision. Motivated individual who is committed to deliver the highest quality service in challenging environments. Team player with strong organizational skills.

## WORK EXPERIENCE

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

- Stay updated on the latest developments in robotics specially on NAO robot.
- Develop 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 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

- Develop and update curriculum materials for robotics and automation courses.
- Design lesson plans, assignments, and projects.
- Deliver lectures and practical sessions on robotics and automation concepts.
- Facilitate hands-on laboratory sessions to reinforce theoretical knowledge.
- Design and conduct assessments, exams, and projects to evaluate student understanding.
- Maintain records of student performance and attendance.

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.

Sukkur, Pakistan
**ICT COURSE MENTOR** SUKKUR IBA UNIVERSITY

I was Mentor in National Talent Hunt Program (NTHP) during my studies at Sukkur IBA University the first National Level Scholarship Program offered at University. My key responsibilities were:
- Assist newly admitted students in adjusting to university life.
- Provide assistance to students in understanding and navigating their academic coursework.
- Help students explore and understand their career interests and aspirations.
- Facilitate networking events to broaden students' perspectives and connections.

## 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/

## LANGUAGE SKILLS

Mother tongue(s):   **SINDHI**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|---|
| | Listening | Reading | Spoken production | Spoken interaction | |
| **ENGLISH** | B2 | B2 | B2 | B2 | B2 |
| **URDU** | C1 | C1 | C1 | C1 | C1 |

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

## 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

## ADDITIONAL INFORMATION

### HONOURS AND AWARDS

03/08/2015
**Fullly Funded Scholarship – Sukkur IBA University** I awarded with fully funded scholarship for 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 Journal "Engineering, Technology and Applied Science Research" (ETASR).

### ONLINE COURSES

**Linux for Robotics**

Write here the description...

**Link** https://github.com/AbdulRasheed-01/Certification/blob/main/Linux for Robotics.pdf

**ROS Basics**

**Link** https://github.com/AbdulRasheed-01/Certification/blob/main/ROS Basics.pdf

**Robot Foundation**

**Link** https://github.com/AbdulRasheed-01/Certification/blob/main/Robotics Foundation.pdf

**Computer Vision Basics**

**Link** https://github.com/AbdulRasheed-01/Certification/blob/main/Computer Vision.pdf

**Python Essentials**

**Link** https://github.com/AbdulRasheed-01/Certification/blob/main/Python_Essentials.pdf