

# KHALIF JABBAR

## MECHATRONICS ENGINEER

@ khalifjutt@gmail.com

+92 322-6405808

Model Town

Lahore, PAKISTAN



## OBJECTIVE

To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations. Have strong educational background with applied engineering knowledge. Comprehensive experience in engineering field and effective management.

## EXPERIENCE

### INTERNSHIP 1

#### ORIENT ELECTRONICS PVT LTD

2017

LAHORE

Worked in different departments

- Refrigerator plant and AC Plant
- Maintenance plant and Water Dispenser plant
- Welding plant and Assembly Line

### INTERNSHIP 2

#### PAC PAKISTAN AERONAUTICAL COMPLEX KAMRA

2018

KAMRA

Worked in:

PMI (PLANT MAINTENANCE INSTALLATION) Production of JF-17 Workshop assembly of its components features.

- 5-Axis CNC
- 3-Axis CNC
- Maintenance plant
- Workshop and Assembly Lin

### INTERNSHIP 3

#### Sun Engineering Industry

2019

Gujranwala

Worked in PLC based Projects:

- Robotic Arm and Electrical Panel

## ACADEMIC PROJECTS

- 1- Final Year Project: Food Vending Machine. Cook Fresh Food and Resolve issues of unhygienic food.
- 2- C++ Project to design Boxes and Area of Boxes
- 3- C++ System to Access History of Old University Students
- 4- Autonomous Mobile Robot
- 5- Embedded System to Control Intensity of Light
- 6- Audio Amplifier Using BJT H-Bridge Using MOSFET BJT
- 7- Power Supply using BJT and MOSFET
- 8- Car Screen Wipers
- 9- Construction implementation of Square Root and Cube Root of Natural Numbers on FPGA
- 10- Line Tracking Robot

## STRENGTHS

Tool Kits: Proteus AutoCAD

Development boards: Arduino

Programming languages: C & C++

Software: MATLAB

Integration: Embedded Systems

Mechanical: Lathe Shaper milling Filing CNC

Hard-working

Eye for detail

Motivational Speaker & Leader

## DIPLOMA

### 1- Programmable Logic Controller(PLC)

2019

Gujranwala

### 2- SOLIDWORKS

2017

Islamabad

## EDUCATION

### Bachelor in MECHATRONICS

#### AIR University, Islamabad

Sep 2015-June 2019 Islamabad

CGPA 3.19/4.00

Majors: Embedded Systems, Industrial Automation, Power Electronics, Machine Design, Mechanics of Materials, Electro-mechanical Systems, Analog Electronics, Mechanical Vibration, Instrumentation and Measurement Systems, Fluid Mechanics

### Intermediate (Pre-engineering)

#### Punjab College

Sep 2013-June 2015 Gujranwala

Majors: Physics, Chemistry, Mathematics

### Matriculation (Science)

#### Quaid e Azam Divisional School

Sep 2011-June 2013 Gujranwala

Majors: Biology, Mathematics, Physics, Chemistry