



H.M.IRFAN

Mechatronics & Control
Engineer

EXPERIENCE

Maintenance Engineer at Amalfi Food (Bahrain)

18 Aug 2024 to 15 Dec 2025

I am working at Amalfi foods as a Maintenance Engineer. My responsibilities include diagnosing and troubleshooting machinery faults, installing new equipment, performing electrical wiring, calculating load requirements, and managing technical documentation and also utilities (HVAC,AC,Chillers,Freezer)and facility preventive and breakdown maintenance. Additionally, I am always available to handle any factory emergencies and ensure that production resumes as quickly as possible.

Junior Engineer at S.A. Hamid & Co.(Pakistan)16 Sep 2023 to 30 April 2024

S.A Hamid is a services company that manufactures panels and sells electrical equipment, and also provides solution by debugging electrical faults for different compnies. i have led several projects for this company, which i mentioning below.

- Debug Electrical faults and Provide solution (Haleeb Food Limited)
- Complete Electrical Maintenance Pepsico Intl.(Shutdown Project)
- Testing of Instruments before Sell
- Electrical and Instrumentation services
- Panel Design and Prepare BOQ

Internship

HCR Lab UET Lahore(28 July 2022 to 15 Sep 2023)

- Project: Pneumatic launcher for folded wing drones

Electrical Supervisor at Maks Solution Company (July 2018-Aug 2019)

- Maintenance of all Motors Chillers and Fans
- Installation of Temperature Control Panels

Electrician and Motor winder (July 2015-Aug 2018)

EDUCATION

UET Lahore

Bachelor of Mechatronics & Control Engineering
2019-2023
CGPA 2.913

Projects

- Surveillance Drone for Search Operation (FYP)
- Pick Pocket Sucker Machine
- Automatic Hand Washing Machine
- Light Following Robot

Swedish Institute of Technology Gujranwala

DAE Electrical (Three Year Diploma)
Percentage Marks: 91%

Govt. Higher secondary school G.T Road Gujranwala

Matric (Science). Marks 65%

About Me

I am a Mechatronics and Control Engineer, and approach all my tasks with dedication because my faith and education teach me to do so.



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Live in: Bahrain, Manama

LANGUAGE

- English, Arabic, Urdu

LICENSE

- Engineering License From PEC
- Driving License From Bahrain

EXPERTISE

- LT & PLC Panel Design & Panel Wiring
- Sketch Up ETAP Software
- Auto cad, MS Office
- Debug of electrical System
- Solid Works Software for mechanical Design
- C & Python Language
- Solar Panel Installation
- Motor Winding
- Ladder Logic
- Industrial Wiring
- FMCG Machinery Maintenance