

# Asmat Ali Soomro

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## Summary

Avionics Technician with hand-on experience and skillset to perform maintenance, troubleshooting, & repair of aircraft navigation & communication systems. Well-versed in conducting scheduled and ad-hoc line/base maintenance tasks.

## Experience

### **Technical Ground Support Associate**

Pakistan International Airlines

Mar 2022 - Present

- Provide troubleshooting and diagnostic assessment of ground support equipment (GSE)
- Assist with the overhaul of power plant, electric and hydraulic systems of GSE.
- Perform preventive maintenance as per established schedules on Tug Master, ASU, A/C CART, Ramp Coaches, Heavy Equipment, and Service Vans.
- Tracks inventory of parts and tools needed for repairs and maintenance.
- Effectively update and maintains repair logs

### **Product Engineer**

Corporate Link


Nov 2021 - Mar 2022 (5 months)

- To ensure that equipment (handheld terminals & printers) are in full working order and tested to meet the specific customer's requirements
- Carry out site visits to offer repairs, configuration services and preventive maintenance
- Update the service management systems as appropriate with relevant repair logs and reconfiguration details.
- Testing and configuring new devices prior to deployment to the customer.
- Device configuration methods and practices for Maple jet printer, Videojet, HP, and CIJ & TIJ.

### **Avionics Technician (multiple roles)**

- Work in both Line Maintenance and Base Maintenance
- Assisted in performing Daily/Transit/Weekly Checks and Unscheduled Maintenance.
- Assisted in Base Maintenance to perform A/B/C Checks
- Update and record Aircraft Maintenance Checks/Tasks/SB's in relevant Maintenance Manuals
- Performed inventory management in Avionics tools store.
- Well-versed in routing & finding wiring defects.
- Worked on maintaining navigational and communication systems such Radar antennas, TCAS, DME's, DFDR, FADAC equipment provided by Honeywell/Cummins and Collins aerospace.
- Roles held with above responsibilities

Position held	Organization	Period	Aircraft Handled
Trainee Engineer - B2	 Pakistan Int'l Airlines	Sep21-Nov21 3 months	B-777-200/300 ATR42/72 A320
Avionics Technician	 Sky Wings	Feb21-Sep21 8 months	Cessna 150/152/172
Electro Mechanical Technician	 Karachi Aero Club	Oct19–Nov20 1 year 2 months	Diamond DA-40/42 Piper Archer DX

Position held	Organization	Period	Aircraft Handled
Engineering Apprentice	 Pakistan Int'l Airlines	Feb19-Sep19 8 months	Aeronautical test bench Aircraft component test rig Mini Simulator Bench
B2 Apprentice Engineer		Feb16 - Feb19 3 years	Theoretical elements Practical Element On Job Training in PIA Engineering.

## Education

### Aligarh Institute of Technology, Karachi

Associate's degree, Electronics Engineering

2018 – 2021 (evening class)

### PIA TRAINING CENTRE (147 approved)

Certification of B2 AVIONICS, Avionics Maintenance Technology/Technician

2016 - 2019

- Advance Electronics
- Human factors and aviation legislation
- Aerodynamics
- Hydraulics and pneumatics

## Licenses & Certifications

### AME-B2 - PCAA License (in-progress)

- 9 out of 12 courses passed
- Target completion Mar'23 (due test dates availability)

 **Electronics Foundations** - LinkedIn

 **Electrical Systems: Reading Drawings and Schematics** – LinkedIn

 **Occupational Safety and Health** - LinkedIn