

# ASMAT ALI SOOMRO

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## Summary

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With a background as an Avionics technician and GSE supervisor, I bring hands-on experience with power tools and a passion for electronics repairs and projects. I am dedicated to continually expanding my knowledge, including learning computer languages, to stay current and ready for new challenges in the field. I am committed to leveraging my skills and expertise to drive success in future projects and contribute to the advancement of technology in the aerospace industry.

## Skills

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Attention to Detail, Problem Solving, Maintenance Management, Regulations, Maintenance & Repair, Power Tools, Troubleshooting, Aircraft System Testing and Diagnosis, Avionics Maintenance and Repair, Diagnostic Testing, Safety Compliance, Technical Documentation, Preventive Maintenance, Communication

## Experience

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### Pakistan International Airlines | Karachi, Pakistan

#### Technician Ground Service Equipment (GSE) | 03/2022 - Present

- Conduct regular maintenance, repair, and troubleshooting of ground support equipment including baggage tugs, belt loaders, and power units to ensure operational reliability and compliance with safety standards.
- Perform detailed inspections to validate the functionality and safety of equipment, adhering to both company policies and regulatory requirements.
- Maintain accurate and comprehensive documentation of all maintenance activities, inspections, and repairs to support regulatory compliance and operational efficiency.
- Manage inventory of parts and supplies, ensuring readiness and availability for scheduled maintenance or urgent repairs.
- Collaborate with airport staff and flight crews to ensure equipment availability aligns with operational needs, enhancing airport efficiency.

### Sky Wings (PVT) Ltd. | Karachi, Pakistan

#### Avionics Technician | 02/2021 - 03/2022

- Conducted comprehensive maintenance and repairs on Cessna 150, 152, and 172 series aircraft, ensuring compliance with CAA Pakistan regulations and safety standards.
- Installed and upgraded critical avionics systems including navigation, communications, and flight instrumentation, aligning with the latest technological and regulatory advancements.
- Performed accurate diagnostics and calibrations on avionic systems to ensure reliability and precision during flight operations.
- Maintained detailed records of all avionics maintenance, inspections, and upgrades to uphold stringent documentation standards required by CAA Pakistan.
- Certified aircraft for operational readiness and safety post-maintenance, following strict industry and regulatory guidelines.
- Implemented rigorous safety and quality control protocols during all avionic procedures to maintain optimal aircraft safety and performance.

### Karachi Aero Club | Karachi, Pakistan

#### E/M Technician | 10/2019 - 11/2020

- Assisted in the maintenance of electrical and mechanical systems for training aircraft (Cessna 150/152/170), ensuring they met operational safety standards.
- Conducted the diagnosis and troubleshooting of system issues under supervision.
- Participated in the installation of new mechanical and electrical components, learning to ensure all modifications adhered to industry specifications.
- Conducted inspections and assisted in quality control processes, helping to maintain high safety and maintenance standards as per aviation guidelines.
- Documented maintenance activities and repairs accurately, aiding in the school's compliance with regulatory requirements.
- Worked collaboratively with flight instructors and more experienced technicians, gaining insights into efficient aircraft operations and technical problem-solving.

### Pakistan International Airlines | Karachi, Pakistan

## **Trainee Avionics B2 | 02/2019 - 09/2019**

- Participated in comprehensive line and base maintenance programs, including scheduled and unscheduled maintenance, daily, transit, and weekly checks on a variety of aircraft such as Boeing 777 family (777-200LR, 777-200ER, 777-300ER), Airbus A320-200 & Classic, and ATR42-500 & ATR72-500.
- Assisted in carrying out specific aircraft maintenance tasks, adherence to Service Bulletins (SB's), and followed detailed maintenance manuals under the guidance of experienced technicians.
- Utilized a range of avionic tools and equipment to perform maintenance and repairs, gaining hands-on experience in the upkeep of complex aircraft systems.
- Engaged in theoretical classroom training and practical workshops at the PIA Training Centre (PTC), enhancing understanding of avionics fundamentals and applications.
- Completed On Job Training (OJT) within PIA Engineering, applying practical skills in a real-world environment to solidify knowledge and techniques learned in formal training settings.

## **Education**

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### **Shah Abdul Latif University | Khairpur, Pakistan**

#### **Bachelor of Commerce (B.Com) | 03/2023**

Studied as a Private Candidate (not regularly enrolled in a college but was registered to take exams.)

### **Aligarh Institute of Technology | Karachi, Pakistan**

#### **Diploma Electronics Engineering (DAE) | 03/2021**

### **PIA Training Centre | Karachi, Pakistan**

#### **Certification Avionics B2 | 03/2019**

- Aircraft Electrical and Navigation Systems: Focused on installation, troubleshooting, and maintenance of electrical and navigational aids.
- Communication and Instrumentation Systems: Studied advanced communication systems and flight management control systems.
- Avionics Troubleshooting and Digital Electronics: Gained practical skills in diagnosing and repairing faults using digital tools and microprocessors.
- Aviation Safety and Regulations: In-depth study of safety protocols and regulatory compliance in aviation.

### **PIA Model Secondary School | Karachi, Pakistan**

#### **Secondary School Certificate | 12/2012**

Majors: Sciences