

ANFAS KARUTHEDATH

MECHANICAL ENGINEER (BHS OPERATIONS)

Riyadh, Saudi Arabia | +966 543685575 | anfasrk8888@gmail.com | [LinkedIn](#)

SUMMARY

Mechanical Engineering graduate with 1 year of experience in Baggage Handling Systems (BHS) within airport operations, specializing in system maintenance, fault diagnosis, and performance optimization. Experienced in handling automated conveyor systems, reducing downtime through preventive maintenance, and supporting continuous system operations. Strong understanding of mechanical systems and operational workflows. Seeking to leverage practical experience into a Mechanical Engineer role focused on system reliability and maintenance engineering.

PROFESSIONAL EXPERIENCE

Mechanical Technician – BHS (Airport Operations) 2025 – Present
Vanderlande – Riyadh, Saudi Arabia

- Performed maintenance and troubleshooting of automated baggage handling systems supporting continuous airport operations.
- Executed preventive maintenance schedules for conveyors, motors, bearings, rollers, and mechanical assemblies.
- Diagnosed mechanical faults and implemented corrective actions to restore system functionality quickly.
- Monitored real-time system performance and responded immediately to operational disruptions.
- Reduced downtime through proactive inspections and timely replacement of worn components.
- Assisted in root cause analysis for recurring failures and supported long-term corrective measures.
- Coordinated with electrical and control teams for integrated fault resolution and smooth operations.
- Ensured compliance with airport safety procedures, maintenance standards, and operational protocols.
- Maintained service reports, inspection records, and maintenance documentation for audits.
- Supported shutdown and startup activities during maintenance windows and operational schedules.

CORE COMPETENCIES

- Mechanical Maintenance** – Inspection, servicing, repair, and performance restoration of mechanical systems.
- Preventive Maintenance** – Planned maintenance activities to minimize failures and downtime.
- Troubleshooting** – Diagnosing faults and implementing corrective solutions efficiently.
- BHS Operations** – Knowledge of baggage handling systems and airport material flow processes.
- Conveyor Systems** – Maintenance of belts, rollers, drives, motors, and transfer units.
- Root Cause Analysis** – Identifying recurring issues and preventing repeat failures.
- System Monitoring** – Observing live operations and responding to faults proactively.
- Safety Compliance** – Following HSE rules, lockout/tagout, and safe work practices.
- Technical Reporting** – Preparing maintenance logs, reports, and service records.
- Team Coordination** – Working effectively with electrical, operations, and maintenance teams.
- Basic Electrical Knowledge** – Understanding motors, sensors, switches, and controls.
- Continuous Improvement** – Supporting process improvements for reliability and efficiency.

EDUCATION

Bachelor of Technology (B.Tech) – Mechanical Engineering

Glocal University, Saharanpur, India | 2019 – 2023

PROJECT EXPERIENCE

Multipurpose Stroke Therapy Wheelchair - Project Lead – Design & Fabrication

- Designed a cost-effective multipurpose wheelchair to improve mobility for paralyzed patients.
- Performed load calculations and selected suitable materials for structural durability.
- Fabricated and assembled prototype components based on design specifications.
- Conducted testing for safety, stability, and functional performance.
- Improved design efficiency by reducing material waste and simplifying fabrication.
- Managed complete project lifecycle from concept design to final testing stage.

CERTIFICATIONS

- Safety Training Certificate
- Mechanical / Technical Training Courses
- Workplace Safety & Equipment Handling Training

ADDITIONAL INFORMATION

- **Languages:** English, Malayalam, Tamil, Hindi
- **Valid Driving License Available**
- **References:** Available upon request | **Availability:** Immediately Available