

AMIR HUSSAIN SHAIK

Senior Electrical & Automation Engineer | Project Execution Lead

Airport & Logistics Automation | Material Handling Systems | Industrial Automation | Project Execution | Maintenance Leadership

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PROFESSIONAL SUMMARY

Senior Electrical & Automation Engineer with 10+ years of hands-on experience delivering airport, logistics, and industrial automation projects across UAE, Saudi Arabia, and India. Proven expertise in Material Handling Systems (MHS), conveyor automation, ASRS, AGVs, electric monorail systems, automated car parking solutions, and OEM-based sorting systems executed within live airport, customs-controlled, and mission-critical operational environments.

Extensive experience managing engineering operations across multiple DHL facilities in KSA, including preventive maintenance, breakdown resolution, project execution, system optimization, vendor coordination, and technical team support. Responsible for successful project delivery without delays, operational downtime reduction, and system reliability improvement across multiple active sites.

Certified Lean Six Sigma Black Belt with strong client-facing engineering exposure in technical bid preparation, cost estimation, project execution planning, stakeholder management, and OEM coordination with airport authorities and local partners.

CORE LEADERSHIP COMPETENCIES

- Project Management & Site Execution
- Airport & Logistics Automation Projects
- Material Handling Systems (MHS)
- Conveyor Systems, ASRS, AGVs, Narrow Aisle Vehicles, Electric Monorail, ETVs & TVs
- Automated Car Parking Systems (Car Lifts & Turntables)
- Electrical Installation, Testing & Commissioning
- Siemens PLC (S7-300), SCADA WinCC, HMI
- Preventive & Corrective Maintenance
- Multi-Site Project Execution & Site Supervision
- Client, OEM & Stakeholder Coordination
- Vendor Management & Spare Parts Planning
- Technical Bid Support & Cost Estimation

- Lean Six Sigma, Root Cause Analysis
- HSE Compliance & Workplace Safety
- Electrical Drawings Review (AutoCAD/EPLAN)

PROFESSIONAL EXPERIENCE

AEDLER Logistik Solutions GmbH – Dubai Branch

Senior Electrical & Automation Engineer

Dubai, UAE | February 2023 – Present

Role Overview

Leading execution, modification, operational support, and optimization of automation and material handling systems across airport and logistics facilities in UAE and Saudi Arabia. Managing multiple client sites directly and indirectly across KSA while supporting project delivery, maintenance excellence, and technical operations.

Key Responsibilities & Achievements

- Managing engineering operations across DHL Riyadh, DHL Dhahran, DHL Khobar, DHL Jeddah (KAIA), and Saudia Cargo through TCT (KKIA support area)
- Executed installation, modification, testing, and commissioning of conveyor systems, ASRS, electric monorails, AGVs, automated car turntables, and hydraulic car parking systems while maintaining system availability above 98%
- Performed electrical works including motor wiring, sensors, VFDs, DC systems, control panels, safety interlocks, and hydraulic system coordination
- Conducted hands-on troubleshooting and fault diagnostics using Siemens S7-300 PLC and SCADA WinCC
- Coordinated with mechanical teams, software engineers, OEM specialists, vendors, contractors, and client representatives
- Ensured strict HSE compliance during execution within live airport, customs-controlled, and logistics facilities
- Supported emergency breakdown response, spare parts sourcing, technical training, and system stabilization
- Managed execution priorities to ensuring smooth project completion with minimal operational disruptions

FLAGSHIP PROJECTS & MAJOR DELIVERABLES

DHL KSA Multi-Site Engineering Operations

- Led engineering operations across multiple DHL facilities in KSA ensuring uptime of MHS and automation systems
- Improved uptime by 20% through preventive maintenance planning and rapid corrective action response.
- Delivered technical training, RCA implementation, reporting, and cost optimization through local sourcing

DHL Riyadh Gateway – K9 Inspection Area Re-Modification

- Electrical coordination for conveyor extension and re-modification in customs-controlled operational area
- Testing, stabilization, belt replacement coordination, and execution under tight operational timelines

DHL Jeddah Airport (KAIA) – Conveyor & Automation Systems

- Installation, modification, commissioning, snag rectification, and handover of conveyor systems
- Coordination with DHL operations, airport authorities, and OEM specialists for smooth execution

Automated Parking Systems (Car Lifts, Turntables & Puzzle Systems) – UAE & KSA

- Installation, commissioning, safety validation, preventive maintenance, and client handover of car lifts, hydraulic lifts, puzzle lifts, and turntables
- Delivered systems across private villas and commercial sites with strong client satisfaction

Kardex Electrical Material Sorting Machine – SANAD Aerotech, Abu Dhabi

- Installation and commissioning with German specialists including logistics, wiring, testing, and handover support

Galvatek – WWTP & Plating Line Project (Jeddah, KSA)

- Technical bid preparation, cost calculation, manpower planning, methodology support, and project presentation support
- Client-facing meetings and project discussions with local partner and OEM stakeholders

PREVIOUS EXPERIENCE

EMIRATES FLIGHT CATERING (EKFC)

Engineering Technician – Automation

Dubai, UAE | October 2018 – February 2023

- Supported AGVs, EMS, bin conveyors, and ASRS with more than 99% uptime
- Preventive and corrective maintenance, RCA implementation, and automation fault resolution
- Operator training and coordination with OEMs during commissioning and upgrades

UNIDAD TECHNOLOGIES & SERVICES PVT. LTD.

Test Centre Administrator (TCA)

India | June 2017 – September 2018

- Managed technical operations of government-authorized examination center under TCS iON
- Supervised 80+ staff and resolved operational and technical issues

INTERNATIONAL FOOD & CONSUMABLE GOODS CO. (IFCG / TAZWEED)

Electronics Technician

Jeddah, Saudi Arabia | December 2014 – August 2016

- Siemens S7-300 PLCs, SCADA WinCC, VFD configuration, and electrical maintenance support

EDUCATION

- Bachelor of Technology (B. Tech)
- Electronics & Communication Engineering
- JNTU Anantapur | 2009 – 2013

CERTIFICATIONS

- Certified Lean Six Sigma Black Belt
- IOSH – Managing Safely
- NEBOSH – Health & Safety at Work

LANGUAGES

- English – Professional
- Arabic – Basic
- Hindi – Native
- Telugu – Native
- Urdu – Native