

Shahbaz Ahmad

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ABOUT ME

Electrical engineer with experience in high volume manufacturing, automation and internal logistics. Skilled in system integration, electrical troubleshooting, material flow optimisation and data driven analysis. Strong in working with industrial sensors, equipment communication, routing systems and real time monitoring tools. Effective team player with hands on experience in commissioning support, documentation and cross functional collaboration. Seeking an Electrical Engineer role in production field to contribute to safe, reliable and high quality electrical systems. Open to relocation.

WORK EXPERIENCE

SK On Hungary, Iváncsa

Material Handling and Automation Engineer | 05/2023 – Present

- Supported electrical and system interfaces between MES, MCS, equipment and monitoring tools.
- Worked with industrial sensors, communication networks and real time dispatching systems.
- Monitored equipment status and resolved signal, data and routing issues.
- Troubleshoot alarms, communication faults and abnormal behaviour using SQL and system tools.
- Supported commissioning and electrical testing of new equipment and components.
- Prepared documentation, updates and system configuration records.
- Collaborated with electrical, automation and process engineers to ensure stable production operations.

Samsung SDI, Göd

AGV Technical Support Engineer | 01/2023 – 05/2023

- Supported AGV electrical and communication systems in a high volume production environment.
- Assisted in integrating AGVs with production lines and internal logistics routes.
- Monitored system behaviour, routing signals and alarm logs.
- Prepared technical documentation, checklists and electrical troubleshooting guides.
- Worked with automation, maintenance and IT teams for system stability.

EDUCATION AND TRAINING

MSc Electrical Engineering

Budapest University of Technology and Economics, Budapest, Hungary

2020 – 2023

Final grade: 4.26/5

BSc Electrical Engineering

University of the Punjab, Lahore, Pakistan

2014 – 2019

Final grade: 3.80/4

SKILLS

TECHNICAL SKILLS

MCS, RTD, MES integration | Testing and troubleshooting | Industrial sensors and instrumentation | PLC and SCADA familiarity | Network communication | Power systems understanding | AGV routing and troubleshooting | SQL for flow and alarm analysis | PLC and SCADA familiarity | Excel advanced

CORE SKILLS

Material flow optimization | Safety focused work | Problem solving | Documentation | Cross functional teamwork | Technical communication | Data analysis | Root cause analysis

LANGUAGE SKILLS

Urdu native | English C1 | German A1 | Hungarian basic

HOBBIES AND INTERESTS

Tech exploration | Traveling | Photography | Cooking | Fitness

REFERENCE

Available on request