Bader Sameer Abu Ennab

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PROFESSIONAL SUMMARY

Results-driven Mechatronics Engineer with over 15 years of experience in industrial control systems, maintenance management, production Optimization and industrial cybersecurity.

Effective team leadership and implementation of preventive maintenance systems. Proven expertise in troubleshooting complex systems and managing spare parts and budgets.

CORE COMPETENCIES

- **Project Management Professional (PMP)** – Planning, execution & delivery of industrial projects
- **Preventive & Corrective Maintenance Management** (legacy expertise, supporting OT/ICS security context)
- **Risk Assessment & Compliance** (ISO, EHS, and cybersecurity audit programs)
- **Cross-Functional Team Leadership** – Engineering & Cybersecurity integration
- **Customer Engagement & Training** – Bridging industrial operations and requirements
- **Budget Management** (CAPEX & OPEX in technology projects)
- **OT/ICS Cybersecurity Solutions** (Nozomi, TXOne, Industrial Defender)

PROFESSIONAL EXPERIENCE

Technical Support Engineer (self-employed),

Freelance – Jordan | Sep 2023 – Present

- Provided specialized technical support to printing and packaging customers.
- Troubleshot and repaired complex mechanical, electrical, and control systems.
- Train customers' operators and engineers in printing and packaging machinery.
- Enhanced maintenance plans and reliability programs to improved uptime.

Project Manager & Technical Team Leader

Alpha Hub – Jordan | Jul 2024 – Oct 2025

- Led multiple IT/OT/ICS cybersecurity projects with major customers: PM and solution integrator for AlFajer (TXOne OT EDR) and PM for NCSC Jordan Projects (GTI, OpenCTI, MISP), ensuring successful deployment and integration of vendor solutions.
- Directed cross-functional engineering, cybersecurity teams and technical pre-sales, overseeing project planning, execution, and training delivery.
- Supurvised and managed University Training Students.

Maintenance Manager

MM Packaging GmbH Jordan | Sep 2020 - Sep 2023

- Led MM maintenance team implementing preventive maintenance procedures that resulted in a 10% reduction in machine downtime, increasing production output by 5%.
- Optimized hands-on preventive and corrective maintenance schedules for 11 production lines, achieving 95% equipment availability rate.
- Managed facility systems including Firefighting, Fire alarm systems, Chillers, Switchgears, Lightening protection systems, Ventilation system, Datacenters, Security systems, Compressed Air system and others.
- Provided expert-level troubleshooting and repair for all production machines and equipment.
- Mentored and trained new electrical engineers under MM Trainee+ Program, Implement and provide training requirements for Maintenance Team and Operators.
- Implemented a comprehensive Safeguard Manual for all machines and delivered safety training, reducing workplace incidents.
- Oversaw MM projects including engineering projects, safety projects and risk survey audits, resulting in cost savings and improved safety protocols.
- Planned and implemented CAPEX and OPEX projects to optimize resource allocation.
- Established strong relationships with key vendors, ensure timely parts and service for various machines like: **Nozomi** Swiss, **Bobst** Swiss, **Bobst** Tunisia, **Monomatic** France, **Revomac** Turkey, **IST** Germany, **BST** Germany, **Futec** Germany, **R&W** Germany, **Manroland** Germany, **Masterwork** (MK) China, **VITS** USA, **Fket** Turkey and others.
- Implement and Operate Nozomi Networks Gurdian OT Security Solution, led OT security at MM Packaging.
- Led MM Group Gold Standard Audit for Bobst Lemanic Delta rotogravure Maintenance Program, achieving 98% rank (first at MM Group) and enabling full-speed operation for complex printing jobs.
- Successfully installed two production lines and replaced the complex Bobst Registron IQ400 Quality Inspection System with new Futect system. Improving production, reducing printing waste and eliminating customer quality claims.

Senior Electrical Service Engineer

Dynagraph for Printing Industry SAL | Mar 2013 - Sep 2020

- Provided electrical and software support as a Vendor for over 20 clients across Jordan, ensuring optimal printing and packaging machines performance.
- Implemented Electrical Installation and Commissioning of high-speed sheetfed printing presses at various customer sites in Jordan and Lebanon.
- Troubleshooted and resolved complex electrical and software issues on a wide range of printing and packaging machinery.
- Served as the key electrical and software support contact for Dynagraph's Jordan office, managing over 40 printing and packaging machines for multiple Customers.

PROFESSIONAL SKILLS

Maintenance Management:

- Project Management (PMP)
- Preventive and Corrective Maintenance for critical ICS systems
- Building and Facilities Maintenance
- Financial Management and Analysis (CAPEX, OPEX, Cost Saving, Budgeting, KPIs)

Technical Expertise:

- PLC/DCS Control Systems (Troubleshooting, Programming, Maintenance)
- Electrical Repair, Troubleshooting, and Commissioning
- Equipment Maintenance and Repair
- Electrical/Software Specialist (ICS & Industrial Machinery)
- Machines Installation Overhauling, Commissioning, Validation, and (BMC) Auditing
- ICS/OT Cybersecurity Systems
- Offset Printing & Rotogravure Printing

Safety Management:

- Safety Engineering & Machines Safeguard
- Risk Survey Auditing: Planning and Implementation projects and audits

Team Leadership:

- Team Management & Teamwork

Team Training and Development:

- MM Training+ Program Mentor & Machines and Safety Systems Trainer

Communication and Reporting:

- International Standards Compliance adhering to ISO 9001, 14001, etc.
- Customer Service and Communication

SOFTWARE AND APPLICATIONS:

IT/OT/IoT Cybersecurity Solutions

- TXOne OT Solutions (Intermediate)
- Nozomi OT Security Solutions (Intermediate)
- Trellix Endpoint Security (EDR) (Intermediate)
- Trend Micro On-Prem EDR (Intermediate)
- Industrial Defender (Basic)
- Linux (Intermediate)
- Fortinet Firewall (Basic)
- Network Engineering (Basic)

Industrial Automation Programming

- Different types of PLC Software (Advanced)
- AC/DC Drives Programming (Advanced)
- Manroland R700, R500, R300 DOS and Windows Machines Software (Expert)
- Bobst Spanthera Die Cutting Machines Software (Advanced)
- Bobst Lemanic Delat Rotogravure Machine Software (Advanced)

Maintenance Management

- ERP for Maintenance and Spare Parts (System Administrator) (Advanced)
- Scada, BMS (Basic)

Microsoft Software

- MS-DOS, Microsoft Windows, Windows Server & Windows Embedded (Advanced)
- Microsoft Office Applications (Advanced)
- Microsoft Project (Advanced)

EDUCATION

Bachelor's degree, Mechatronics Engineering
The University of Jordan |2004 – 2009

Diploma, Autotronics Engineering
Al-Balqa' Applied University |2002 – 2004

Tawjihi, Scientific Branch
Ministry of Education in Jordan |2000 – 2001

TRAINING AND CERTIFICATIONS

- SANS GICSP ICS410 (Self-Study)
- ISC2 Cybersecurity (CC) (Self-Study)
- ISACA CISA VLP (Self-Study)
- Certified in TXOne Solution (Feb 2025)
- Certified in Nozomi Networks Technical Sales Professional (Jan 2025)
- Certified in Trellix Endpoint (EDR) (Nov 2024)
- Fortinet FortiAnalyzer 7.2.0 NSE6 (Self-Study)
- CompTIA Linux+ (XK0-005) (Aug 2024) (Alpha Hub)
- CompTIA Security+ (SY0-601) (Jul 2024) (Alpha Hub)
- CCNA (200-301) (Jul 2024) (Alpha Hub)
- Project Management Professional (**PMP**) (Oct 11, 2023) **(Pioneers Academy)**
- OT Security Training (May 2023) **(Limes Academy)**
- MM Group Information Security & Data Privacy training program **(MM Academy)**
- ISO 19011(Auditing) and 14001(EMS) **(DNV)**
- Kodak Imposition Software and Dell Server **(Brussels, Belgium)**
- Kodak CTP Machines Electrical Training **(Brussels, Belgium)**
- Manroland Printing Machines Electrical Training **(Offenbach, Germany)**

ADDITIONAL INFORMATION

- Multilingual (Arabic [fluent], English [proficient])
- Active professional with a strong work ethic and a commitment to continuous learning