

Ahmed Khalifa

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Summary

I am a Communications and Electronics Engineer specialized in the installation, testing, and maintenance of low-voltage systems. With an overall experience of 7 Years.

I am a registered Engineer at the Saudi Council of Engineering.

I work on ELV/ICT Projects with the slogan of " WE need things to get done."

- 1 year as Project Engineer at KSA
- 2 Years as Solution Engineer at KSA
- 2.5 Years as a Presales Engineer in Egypt
- 1.5 Years as an IT Support Engineer in Egypt

Area of Experience

- Project Management (Agile, SCRUM, Waterfall)
- Client Support and Training
- Presenting project updates to stakeholders, clarifying complex technical issues
- Project execution quality assurance delivery
- Detail-oriented problem-solving techniques
- Cost Controlling and Tender Analysis
- Operations and workflow Management
- Team Leadership & Process Improvement
- Meetings Management
- Assuring project site safety protocols
- Technical Engineering documentation, reporting and material submittal documents
- Negotiation and Presentation Techniques
- Sales Operations – Market segmentation and targeting
- Vendor Relationship Management

Technical Experience

- Anti-Virus Solutions (Certified Bitdefender Consumer and Business Portfolio)
- Infrastructure Passive network design and implementation (Structured Cabling Copper and Fiber, Network Cabinet Solutions)
- Access Control system (Hikvision – ZKTeco)
- CCTV Solutions (Small to Medium Projects) Installations and Configurations
- Data Centers Environmental Monitoring system
- Microsoft Office suite, Analysis with Excel, PowerPoint Presentations
- Project tracking software (MS Project)
- ERP and AI tools

Languages

- Arabic ... Mother Tongue.
- English ... Professional Working Proficiency.

Work Roles History

Solution Engineer at Reyada Technology Co. - KSA

**Jul 2023 – till now
(About 2500 Working Hours)**

- **Reyada Tech. is a system Integrator for turnkey IT Solutions (Cyber Security, Light Current & Infrastructure systems), a well-established company working in the Saudi market for 20 years.**
- I worked on an antivirus products from Bitdefender Company, My role as Solution Engineer :
- Collaborating with IT teams, Finance departments, and Managerial executives during the product cycle.
- Demonstrating the product value technically and financially in demo sessions, offline and online.
- Troubleshooting and supporting clients' issues onsite or remotely, which increased client satisfaction.
- Discussing with clients to deliver the most suitable solution for current usage and future expansion.
- keep Clients updated with Bitdefender's latest releases and how it could help their business.
- Reduce product implementation and testing process time by 30% from the client side.

ELV Project Engineer at Reyada Technology Co. - KSA

**Apr 2025 – Sep 2025
(1200 site Work Hours and 250 Office Hours)**

- I worked on the " **Bab El Mareefa School** " Project in a dual role with responsibilities.
- Bab El Mareefa is an Educational Complex with a 10,000 square feet building, a project total budget of over **50** million Riyals, and a Company owned by Mohammed El Othman Group.
- It is planned to be the first School of the new Academic Schools Chain.
- It is a fast-track project that aims to build a school from scratch till turn key within 8 months.
- Scope of work: ICT systems and Light Current systems from Infrastructure to Operation.
- Project Budget: about **1.3** million Riyals.
- My team: 1 experienced foreman and 4 technicians.
- My role as ELV Project Engineer :
- Finish Client requirements within the project timeline according to Engineering codes and standards.
- Coordination between the owner's technical office and other contractors working at the site.
- Accredit and supervise technicians' work and make sure they meet standards and Project objectives.
- Configure different ELV systems and finish integration between them.
- Train IT team members on troubleshooting and maintaining ELV systems, and train the Operations team on how to deal with each system daily operating procedures.
- Manage project knowledge transfer and handover with the owner's technical office.
- Systems implemented and completed by my team and me :
- 1- Data Passive system ... Copper Cables identification, labelling and Termination, Fiber Splicing, Cabinet Termination, and Cabinet Patch cord organizing – **1270** Points at each end
- 2- Access Control ... Installing and Configuring **22** access control units with restrictions on access level for persons
- 3- Time attendance ... Installing and setting up **20** devices for Teachers, Employees, and Students attendance managed by IVMS 4200
- 4- CCTV ... Installation, positioning, configuration of **207** cameras on 4 floors on 4 NVRs, and all camera system viewing at 7 different managers' offices
- 5- Active Devices (Huawei Switches and Access points) ... First and second fix for **31** switches, **42** APs.
- 6- Public Address system ... First and second fix for **90** Indoor speakers, **14** Monitor speakers, and **15** Mixers.
- Project ended with overall 7,550 working Hours, about 11% error margin, and a 85% of client satisfaction.

- I worked on the " **SACO HQ Datacenter** " Project in a dual role with responsibilities
- The main objective of the project is to make a proper on-premises Tier 2 Data Center to host The main brain equipment from Mobily Datacenter Hosting (Riyadh – Malga 2)
- These devices connect HQ with 35 stores all over the Saudi Kingdom; some stores operate 24/7.
- Already, the HQ has some equipment that needs to be arranged and prepared for the Datacenter work.
- We worked under the pressure of " Zero downtime" for any device, as the billing system was always up.

- Scope of work: Data Center systems Infrastructure till operation, including **7** systems (Civil work – Electrical system – UPS system – Fire Alarm & Gas Fire Fighting Novec system – Raised Floor – Airedale Air Conditioning system 20 Tons – Environmental Monitoring system)
- Project Budget: about **800,000** Riyals
- My team: 1 experienced foreman and 3 technicians.

- My role as Project Engineer :
- From day Zero to the Final Handover, I was responsible for every detail at the site, working on the solution topology, then submitting the action plan of the project and the deadlines.
- Handling daily site tasks and solving project obstacles according to the plan, and documenting all of them.
- Work with SACO teams on all permissions and precautions according to their rules and safety codes.
- Work with different Vendors / Dist. teams (SETRA, Al FALAK, SFFECO) to maintain site workflow.
- Work with Reyada tech. teams (an internal Project Consultant, Electrical team, Architecture team)
- Maintain work cycle with the logistics team and warehouses, starting from receiving materials and machines, then making sure that storage is well-organized.
- Finalize Testing and Commissioning stages with SACO Engineering Department, provide all manuals, catalogues, and maintenance training for each solution.
- Hand over the Data center to the SACO IT team and train them on how to maintain systems and keep them running well.

- Project ended with overall 10,000 working Hours, about 8% error margin, and a 90% of client satisfaction.

Presales Engineer at Protech Egypt - Egypt

**Dec 2020 – Jun 2023
(Over 7200 Working Hours)**

- **Protech Egypt is the Main Distributor of an English Passive Brand (OSILAN – UK).**
- My role as Presales Engineer :

- Sizing passive Solution (Copper, Fiber, Network Cabinet) for Projects from Medium to Mega ones.
- Calculating BOQ requirements from Drawings and Indexations to put them in Quotations.
- Working on items, data sheets to match the required technical specs, and submitting to the Consulting Technical Offices to be approved.
- Preparing Technical and Financial Proposals for Tenders and handling clients' requests with a suitable solution for the project Case within the budget frame.
- Strengthen work relationships with existing Clients and introduce the brand to prospective Leads.
- Work with cross-functional teams, including Logistics, warehouses, and finance departments.
- Responsible for instructing two fresh candidates during their internships.
- Related Projects: Renovation of National Bank of Egypt and Agricultural Bank of Egypt, Hayah Karima Initiative, and Renovation of countryside Health units and Hospitals, and other private projects.

- **Style IT Solutions is a System Integrator Company for IT Solutions.**
- I was assigned as an IT Support Engineer for a project called " EL Welely Group "
- El Welely Company needs to upgrade its infrastructure solution to meet new ERP needs, Their HQ at Semouha – Alexandria and the Factory at 4th Industrial zone – New Borg El Arab.
- My role as an IT Support Engineer :
 - The Main Task was maintaining work Sustainability by troubleshooting issues immediately, during system upgrading and deployment of the Oracle ERP system.
 - Administering employees' problems with office devices like PCs, Laptops, Printers, sharing servers, IP telephony and File sharing servers.
 - Scaling and Upgrading running systems with the minimum possible downtime.
 - Communicating with stakeholders to submit the migration plans.
 - Providing support in rotations 24/7 via cell phone.
 - Following up with vendors and suppliers to deliver designated items as scheduled.

Education

Bachelor of Communication and Electrical Engineering – Graduated in 2018

Faculty of Electronic Engineering – Menofia University

Grade: Good

Graduation Project

" Health Care Monitoring Network using IoT."

Integration between Different Technologies to detect the Heartbeat Changes of a Sick Person through Cloud Servers.

Grade: Excellent

Extracurricular Activities

- HR team Member at EMEC Mar 2014 – Jun 2016
- Facilitator at Delta Community Jan 2015 – Jun 2017
- Coordinator at Student Union Logistics Committee Mar 2016 – Jun 2018
- Coordinator at ECE Fame Lab Jan 2018 – Jun 2018

Competitions

- 3rd place team at STC Electronics Design by IEEE Spring 2014
- 1st place at ROBOTICS Transporter Fall 2015
- ROBOCON preparation Round Spring & Summer 2016
- Extraordinary Achievement at Hult Prize Contest Finals Winter 2017

Scholarships & Soft Skills Training

- McKinsey Forward Program – Advanced Level Sep 2022 – Dec 2022
- McKinsey Forward Program – Foundation Level Jun 2022 – Sep 2022
- Advanced Maaan Business Edition – Project Management Winter 2022 Round
- Maaan Career Development Course Summer 2021 Round
- EBI Incubation Program – Advanced Entrepreneurship Training Spring 2021 Round
- EBI Incubation Program – Basic Entrepreneurship Training – IDL Fall 2020 Round
- Computer Networks Fundamentals Training @ ITI Summer 2018
- Ideation Marathon @ TIEC Spring 2018
- InnovEgypt INTAKE 9 @ TIEC Summer 2017
- Hult Prize Training Fall 2017