



## AHMED ELMALLA

### Technical Manager

Makkah, Saudi Arabia

akelmalla77@gmail.com

KSA (+966) 531597142

Malaysia (+6)0194028484

### Objective:

Seeking a challenging position in an esteemed organization, that will utilize and further develop my Technical skills and knowledge.

### International Projects

- Automatic Waste collection systems (Finland, Sweden, KSA),
- Multipurpose Production lines & Customized Machinery (Germany, USA, Malaysia, Brazil, Thailand),
- Medical Assembly lines (Malaysia, China),
- Machine Vision Systems (Germany, Malaysia, USA, UAE)

### What I do

#### Construction Site

Construction site supervision.  
Site installation coordination.  
Revising site Electro-Mechanical drawings.  
Site inspection  
Material inspection.  
Material submittals.  
Document control.

#### Automatic Control

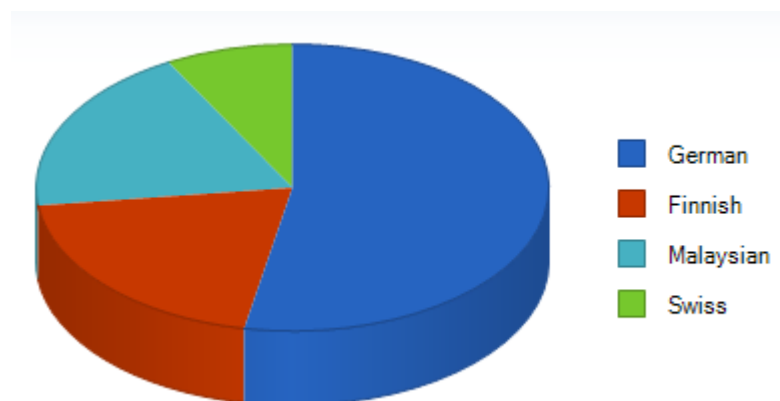
System Design & Coordination  
System calculations  
PLC / SCADA programing  
Startup & Commissioning.

KSA = Kingdom Saudi Arabia

### Summary

- A 39 yrs professional with 15 years of experience, 10 years of those were in 4 international companies, either managing or supporting multimillion projects in automation, machinery and production lines field.
- My work got me involved every engineering field necessary to support projects and solve issues either it was mechanical, electrical, R&D, SCADA or even construction sites. Beside cost & risk management, business plans, etc.
- In addition to my BSc. degree in Electrical & computer engineering, I am a Certified Project Manager (APMG, UK), with post graduate diplomas in Industrial automation and Electrical CAD design.

### I Worked for Whom



### Work History

2016 -

#### Technical Manager

Present

*SAC, (Saudi company – Installing & marketing Automatic Waste collection systems AWCS) Makkah, KSA*

- Traveling to Europe & Asia seeking partnership with AWCS equipment supplier.
- Acting technical advisor for Makkah municipality (Waste Systems).
- Preparing Business plans, negotiating venture capitalists.

2013 - 2016

#### Technical Manager

*MariMatic Oy, (Finish company manufacturing automatic waste collection systems- AWCS) Jeddah, KSA*

- Participated in AWCS system installation and startup in Sweden, and AWCS system upgrade in Finland.
- Created the automation system architecture, P&I diagrams with their BOQs for a pilot USD \$4.5 M project in KSA (Mina Tents).
- Reviewed, revised and coordinated power & instrumentation designs and calculations produced by Finland teams & local consultants design teams for (Mina Tents project).
- Co-ordinate Electrical, mechanical & civil design work (from Finland, Dubai and KSA) and activities on site.
- Provided technical advice for mechanical installation issues.
- Sourced for Electro-Mechanical subcontractors & material suppliers.

## Continued

Hardware configuration.  
Research & Development

## Mechanical

Machinery / Production design.  
Electro-Mechanical  
Coordination.  
Leading Machinery Installation.  
Troubleshooting mechanical  
issues.  
Leading Machinery Alignment.

## Electrical Power

LV panels commissioning.  
LV Panels Design co-ordination  
with both Automation &  
Mechanical.  
Electrical Motors Maintenance.

## Project Management

Cost control  
Risk control  
Material Purchasing.  
Electrical design supervision  
Mechanical design supervision  
SCADA design supervision  
FAT & SAT  
Business plans.  
Client relationship management

## Projects Managed

- Projects Budgets ( in USD) :  
ranged from 1.4 M TO 3.75 M.
- Projects durations: ranged from  
6 month to 18 month.
- Projects locations: Germany,  
Malaysia, China, UAE.
- Number of Projects: 6

## Projects Completed

- Projects nature: Automatic  
systems and machinery.
- Projects locations: Germany,  
USA, Malaysia, Brazil, China,  
UAE, and Sweden.
- Number of Projects: over 35  
projects.

2012 -2013

### Project Manager

*HW Enterprise (Automation Systems Company), Malaysia*

Company clients: EARTH (Abu Dhabi)

- Prepared Business Plans and visibility studies for custom made automation systems and machinery projects.
- Developed business relationships with clients in India and UAE.

2011 - 2012

### Project Manager

*Komax Systems Malaysia Sdn Brd , (Swiss company building machinery & production Lines), Malaysia*

Company clients: Hewlett Packard, B.Braun and Sol-Millennium Inc.

- Managed 3 projects financially (valued USD ~4 M) and technically (Design - Electrical & Mechanical, build, and Install).
- Lead a multinational project Teams (Japanese, Swiss, German and Malaysian) of at least 15 professionals from different specialties (Mechanical, Electrical, and SCADA) in building and testing automatic systems and machinery.

2006 - 2011

### Project Leader

*Smartrac Automation Sdn Bhd, (German company building machinery & production Lines), Malaysia*

Company clients: SMARTRAC Technology Wehnrarth GMBH, SMARTRAC Technology US, Multitape Technology, SMARTRAC Technology Brazil BV.

- Entered the company as an automation software engineer, later promoted to senior software engineer, and ended leading major project valued USD 1.4 M for a German client.
- Completed more than 30 machinery Projects.
- Scope of work included developing SCADA & PLC software, designing and building Vision systems, Research & development, troubleshooting mechanical design, overseas testing & commissioning (Germany, USA, Brazil, Thailand), and supporting overseas clients remotely.

2005 - 2006

### Service Engineer

*RHT, (Machinery services company), Malaysia*

- Scope of work included maintaining automatic systems and machinery, developing partial SCADA software and providing support for sales team.

2003 - 2005

### System Administrator

*Miratex Co. (International Textile Company), Egypt*

*continued*

- |             |   |
|-------------|---|
| 2003 - 2005 | <ul style="list-style-type: none"><li>• Scope of work included troubleshooting hardware (IBM Rack mounted servers) and software (Linux, Databases) failures, network system installation, testing &amp; commissioning, and software development for fixing software computability issues.</li></ul>                               |
| 2002 - 2003 | <p><b>Maintenance Engineer</b></p> <p><i>El Nasr for Fertilizers Co. (Chemical Production Company), Egypt</i></p> <ul style="list-style-type: none"><li>• Scope of work included troubleshooting Electrical &amp; Mechanical failures, leading 16 of the Electrical staff, preventive maintenance, and system upgrades.</li></ul> |
| 2000 - 2000 | <p><b>Programmer Internship</b></p> <p><i>CAD-UL AG (Embedded Systems Company), GERMANY</i></p> <ul style="list-style-type: none"><li>• Performed embedded systems Programming projects.</li></ul>  |
| 1999 - 1999 | <p><b>Machinery Engineering Internship</b></p> <p><i>W.Schlafhorst AG (Machinery manufacturing company), GERMANY</i></p> <ul style="list-style-type: none"><li>• Performed automatic equipment assembly &amp; sales work.</li></ul>   |
| 1998 - 1998 | <p><b>Automatic Control Internship</b></p> <p><i>Suez Oil Processing Co. (Oil &amp; Gas Company), Egypt</i></p> <ul style="list-style-type: none"><li>• Training on SCADA and Automatic controlled systems.</li><li>• Training on DCS Mod 300 - ABB.</li></ul>  |
| 1997 - 1997 | <p><b>Automatic Control Internship</b></p> <p><i>NPC (Oil &amp; Gas Company), Egypt</i></p> <ul style="list-style-type: none"><li>• Training on process control &amp; Instrumentation technology.</li></ul>   |

## Education

---

- |             |  |
|-------------|--|
| 2012 - 2013 | Post Graduate Diploma: Industrial Automation<br><i>Technocrat Automation</i>                                 |
| 2013 - 2013 | Post Graduate Diploma: Electrical CAD design<br><i>CADD Centre</i>   |
| 1995 - 2001 | Bachelor of Science: Electrical & Computer Engineering<br><i>Higher Technological Institute (HTI), Egypt</i> |

## Certifications

---

- |             |   |
|-------------|---|
| 2012 - 2013 | Certified Project Manager - PRINCE2<br><i>APMG - UK</i><br>Candidate no. P2R / IN079488 |
|-------------|---|

## International Clients

Makkah Municipality,  
SBG-ABCD Group,  
AEVS Niagara AB,  
Tampere Municipality,  
B. Braun,  
Sol Millennium Inc.  
SMARTRAC Technology  
Wehnrarth Gmbh,  
SMARTRAC Technology US Inc.,  
Multitape Technology,  
SMARTRAC Technology  
Brazil Bv

## PERSONAL DETAILS

**Spoken Languages:** English (Fluent),  
Arabic, German (basic).

**Nationality:** Egyptian

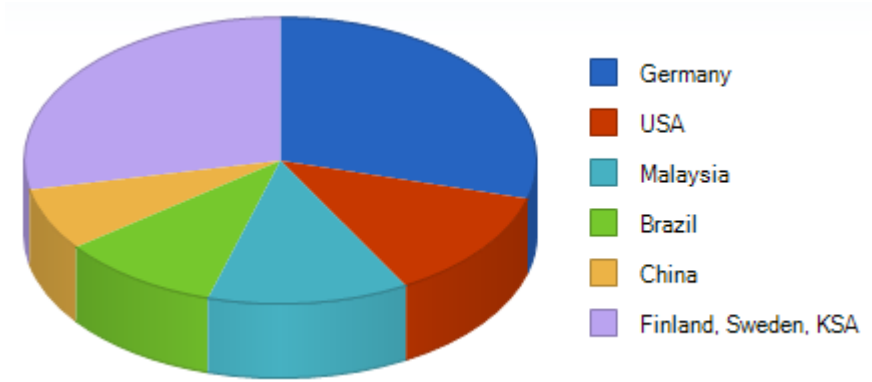
**Date of Birth:** 27/08/1977

**Resident Address:**  
Abd allah al khaayat street, Azizia  
,Makkah, KSA

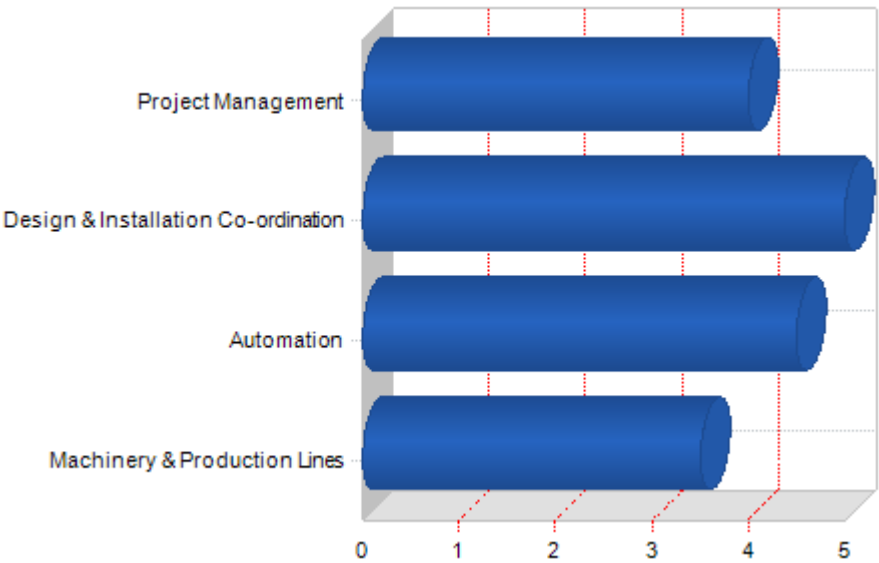
**Permanent .Address:**  
21 lorong KTC 3/7,kulim techno city  
,Kulim, Kedah 09000, Malaysia

KSA = Kingdom Saudi Arabia

## International Projects



## My Specialties



## Competences



### *Project Management Tools*

Oracle Primavera, MS Excel, MS Project, Citrix, ProAlpha (MRP)



### *CAD Tools*

Electrical Auto Cad, Mechanical Auto Cad



### *Industrial Languages*

Ladder Diagram, Function block diagram



### *SCADA*

In Touch, Fix, Siemens WinCC, custom build SCADA



### *PLC Controllers*

Omron, Allen Bradley (AB), ABB, GE-Fanuc, Siemens (S7), Keyence, Messung, Mitsubishi



### *Machinery*

Servo Drivers, VFD, Motion Controllers, pneumatic control