





















## Resume

### Personal details

-  Ahmed Rabah
-  kshare2010@hotmail.com
-  +966505899943
-  Saudi Arabia
-  September 27th, 1997
-  K.S.A
-  Male
-  Sudanese
-  [linkedin.com/in/ahmed-rabah-a8782b1b2](https://www.linkedin.com/in/ahmed-rabah-a8782b1b2)

### Skills

- Expertise in PLC & HMI 
- Proficient in Omron 
- Proficient in Siemens 
- Automation design 
- Control systems 
- Electrical wiring 
- Customer relations 
- Machine setup 
- Safety procedures 

## Profile

Proactive Automation Engineer possessing in-depth knowledge of various programming languages and best practices for development. Solutions-based collaborator well-versed in testing and simulating automated machinery, developing and implementing automated testing methodologies and supervising testing activities. Offering couple of years of experience creating and applying technology to monitor and control production and delivery of automation . Proficient tester, designer and debugger with an in-depth understanding of building and running automated systems for production line. Well-versed in the full project lifecycle, technical support needs and project coordination functions. Excellent communication, organizational and interpersonal skills.

## Education

- Apr 2016 - Dec 2020** **Bachelor of industrial technology major in Mechatronics**  
University of Baguio, Baguio city

## Employment

- Jan 2021 - Apr 2022** **Automation Engineer**  
Tenshi Technology Inc., San Pedro, Philippines
  - Generated process models illustrating automation engineering progress, specifications and details.
  - Troubleshoot, fixed and improved electrical controls.
  - Maintained, debugged and optimized automation programs.
  - Discussed requirements and processes with project managers and developers.
  - Troubleshoot software to alleviate obstacles preventing functionality. Collaborated with systems engineers and customers to determine machine requirements and develop specifications for user interface, machine functions and quality control to deliver reliable automation systems.
  - Created detailed test cases for use on diverse projects.
  - Monitored data on system functionality and reported to senior staff. Completed automation of functional and regression testing.
  - Exercised complete understanding of PLC programming to support projects.
  - Met with quality assurance, developers and project managers to assess scope and sequence of project.
  - Inspected and assembled components and consumable parts. Supported facility and process equipment engineering and design, integration and validation.
  - Prepared automation concept and control drawings according to client specifications.
  - Utilized comprehensive understanding of Omron ladder Logic to produce code to revolutionize automation.
  - Developed, configured and optimized industrial processes from inception through certification.

Safety protocol and standards	●●●●●●
Problem solving	●●●●●●
Troubleshoot	●●●●●●
Technical support	●●●●●●
Motor control methods and power control	●●●●●●
Pneumatic and hydraulic systems	●●●●●●
Microsoft Excel, word and powerpoint.	●●●●●●
Aptitude for math	●●●●●●
Javascript and python	●●●●●●
Willing to learn	●●●●●●
Flexible and motivated	●●●●●●
Good team work and capability	●●●●●●
Reliability	●●●●●●

## Languages

Arabic	●●●●●●
English	●●●●●●
Filipino	●●●●●●

Feb 2014 - Nov 2015

### Technician

Al-swat group, Taif, Saudi Arabia

- Performed complex mechanical alignments and calibration of equipment to quality standards.
- Set up and performed test activities.
- Kept work consistently compliant with 5S standards.
- Utilized control mechanisms and hands-on procedures to operate machines.

Jan 2020 - May 2020

### Biomedical technician

University of Baguio, Baguio, Philippines

- Repairing and maintaining dental chairs and medical equipment.
- Repairing and maintenance compressors air for the unit
- Lubricate and sterilize hand-pieces.
- Checking for safety hazards in the units.
- Change oil in the compressor annually.
- Troubleshooting

## Courses

Mar 2020

### ONLINE ROBOTICS & AUTOMATION Training Course

Erovoutika Robotics and Automations Solutions, Manila City Philippines

Aug 2020

### EMERSON AUTOMATION SOLUTIONS

Mechatronics and Robotics Society of the Philippines, Manila City Philippines

Sep 2020

### Learning PLC Ladder Logic

LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085

Sep 2020

### PLC Ladder Logic Essential Training

LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085

Oct 2020

### Learn Industrial Automation

LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085

Sep 2020

### PLC Sequencer Logic

LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085

Sep 2020

### Become a PLC Developer

LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085

Jan 2019

### Reliability Centered Maintenance

University of Baguio, Baguio City Philippines

Oct 2019

### Introduction to Manufacturing Processes and Practice

University of Baguio, Baguio City Philippines.

## References

---

**ENGR. ALLAN ANGELES**

General manager/ CEO, San Pedro, Philippines  
+639173201530

**MR. LEONARDO ABAYA JR.**

Team leader, Baguio city, Philippines  
+639286257867

**ENGR. ROMY AMISTAD**

Instructor, Baguio city, Philippines  
+639084669514