



LINKEDIN

linkedin.com/in/iskobi



PROFILE

As an organized and highly creative individual, I love the challenges of working with a dynamic and fast paced working environment. The knowledge I gained from studying in Germany and my cooperate experience has shaped my ability to adapt quickly, work efficiently, think creatively, and work effectively. The challenges I had to overcome helped me to have a better understanding for customer needs, and to implement technology to provide consultation and recommendation to solve problems.



PROFESSIONAL EXPERIENCE

Electrical & Automation Engineer

Siemens, Riyadh/Saudi Arabia
May 2016 - Now

Responsibilities: successfully delivered Siemens automation solutions to many projects in Riyadh and whole Saudi Arabia, including the following:

- Establish operation strategy in a team for improving automation of substations.
- Testing & commissioning of all automation products and software.
- Configuration of the systems, including the setup and installations of Servers, Gateway, HMI, GPSs & Switches.
- Configuration & Communication of IEDs & BCUs like SIEMENS, ABB, SEL, GE & Schneider relays.
- Developing the HMI/GUI for the Project with WinCC and Zenon including programming of all required scripts.
- Applying cyber security measures for all systems and applications.
- Prepare data and information and regular reports.

Student Associate

Wilo, Dortmund/Germany
Mar 2016 - May 2016

- Composed visual basic program for interfacing with Factory database.
- Performed data analysis especially for operation data.



EXPERTISE

Substation Automation Systems (WinCC, Zenon)
Project Management
Programming
Cyber Security
Commissioning
Market Research
Budget Control
Consulting



EDUCATION



2011 - 2015

B.Eng. in Electrical Engineering - Drives and Automation
Dortmund University of Applied Sciences and Arts

2009 - 2011

Information and Communication Techonolgy
TU Dortmund University

2007 - 2009

Foundation year & German Course
University of Heidelberg



SKILLS

Leadership
Communication
Strategic Planning
Public Speaking
Social Media



LANGUAGES

Arabic ■■■■■■
English ■■■■□
German ■■■■□



AFFILIATIONS

Saudi Council of Engineers - Member
2016 - Present

German Engineers Association - Member
2011 - 2014





PROFESSIONAL CERTIFICATES

PMP Training Program

Issuing authority: Riyadh Chamber

Issued date: Jan 2020

Data Science Course (Python, Exploratory Data Analysis, Data Visualization, Machine Learning Algorithms)

Issuing authority: General Assembly

Issued date: Sep 2019

Zenon Automation & energy software Advanced Certificate (Incl. Energy Edition)

Issuing authority: COPA-DATA / Salzburg, Austria

Issued date: Aug 2019

ISO 9001:2015 - Quality management systems

Issuing authority: Siemens

Issued date: Feb 2019

Google Cloud Platform Fundamentals: Core Infrastructure

Issuing authority: Google

Issued date: Oct 2018

Applying Digitalization to Business

Issuing authority: Siemens

Issued date: May 2018

Front-End Web Developer Nanodegree

Issuing authority: Udacity

Issued date: Nov 2017

SICAM PAS - Substation Automation System Configuring an Operator Station

Issuing authority: Siemens

Issued date: Sep 2017

Cyber Security - Advance Level

Issuing authority: Siemens

Issued date: Sep 2017

Export Control and Customs - Global Awareness

Issuing authority: Siemens

Issued date: May 2017

Power Monitoring from the SENTRON portfolio

Issuing authority: Siemens

Issued date: May 2017

Project Management Institute CAPM Exam Preparation Course

Issuing authority: [uni]vatar - Germany

Issued date: Jun 2015

The New European Computer Driving Licence

Issuing authority: ECDL Germany

Issued date: May 2015





ONGOING AND ACCOMPLISHED PROJECTS

Saudi Aramco Khurais Power System Automation (PSA)

Nov 2019 – Present

Project description:

Saudi Aramco electrical control and monitoring system, Power Systems Automation (PSA) with IEC61850 standard and improved cyber security measures. including the design of PSA architecture with DCS and Control Room.

Al Rawabe Substation 380kV/132kV/13.8kV

May 2016 – Nov 2019

Project description:

Substation Automation, Installation, Testing & Commissioning of SAS Siemens based system including the following:

- Configuration of SAS system including the initial setup and installations of Servers, Gateway, HMI, GPSs & Switches.
- Configuration & Communication of IEDs & BCUs like ABB, SEL, GE & MiCOM.
- Developing the Human user interface (HMI) for the Project with WinCC Software.

And the same was accomplished for the following projects:

- Riyadh Airport North S/S (380kV/132kV/13.8kV)	- Heet S/S (132kV/33kV/13.8kV)	
- Al Kharj Industrial City (KIC S/S)	- Rafha-2C S/S (132kV/13.8kV)	- IRRQAA S/S (380/132/13.8kV)

Brain.AI (Start-up)

Jul 2019 – Present

Project description:

Brain.AI product is designed to aid physically disabled patients with speech impermanent to communicate with their families, and accomplish certain tasks on their own. This is accomplished by reading the patient's brain waves and turning them into specific functions for the patient. Those functions can be but not limited to: turning electronic accessories On/Off, leveraging different social media platforms, or asking the caretaker for an assistant.

I am part of the team for this project providing consulting related to automation topics which is nominated by badir accelerators and was presented in German-Saudi Start-up competition pitch night in Jeddah.

Developing a general-purpose micro-controller (University Project)

2015

Project description:

Developed a general-purpose micro-controller module with low supply voltage and built-in level translation, which supports different communication interfaces and can be applied as an active hub in multiprocessor systems. For the communication, there are various interfaces like RS232 or USB available. For wireless data transmission, a Bluetooth interface by the standard 2.0 is provided. The board is created with the layout program EAGLE, and assembled by soldering the appropriate components on the board with Reflow soldering method.

Implementation of a human machine interface for a MIMO level control (bachelor thesis)

2015

Project description:

This was my bachelor thesis project and it is about the implementation of a human machine interface for a MIMO level control and its regulation.

The goal of this project was to design an user interface using Code::Blocks and wxWidgets to allow an easy control of the system. The liquid levels of the container were controlled, whereby the observer sets the liquid levels of the two middle containers.

