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Mehmet Salih KANBER

Innovation-Driven Electrical& Electronics Engineer

Contact Details:

Adress:
Mobile Phone:
Email: salih.kanber@akdenizedas.com.tr, mskanber@gmail.com
Web: www.mskanber.com
Linkedin: www.linkedin.com/in/mskanber

Business Profile:

With 10 years of expertise on power electronics and power systems, I'm currently occupied as R&D - Power Quality manager in electricity distribution sector. With innovative vision and developed technical & managerial skill set, I can make a valuable difference in your business by joining your team. Please feel free to contact me for further info and to give feedback. Thank you for your time.

Employment Summary:

July2017 - Current, R&D - Power Quality Manager @Mediterranean Electricity Distribution Company (Antalya/TURKEY)

Management operations on 15 Current (21 Total) local and international R&D projects, increased efficiency in power quality tasks.

Oct2014 - July2017, R&D - Power Quality Engineer @Mediterranean Electricity Distribution Company (Antalya/TURKEY)

Project management and hands-on system (prototype) design on 4 successfully finished R&D projects, improved power quality in distribution grid with proper tracking and analysis operations. A unique and patented innovative product set was created for the company.

Apr 2011 - Jun 2013, Co-Founder-Manager @Pantera Systems Ltd (failed start-up) (Ankara/TURKEY)

Great experience on management operations on finance, HR, customer relations, outsourcing and other hands-on technical tasks. Customers were served with embedded system, harness and machine design by DFT-DFM, FMEA approaches.

Jan 2010 - Mar 2011, R&D Engineer - Installation Team Leader @Solitem GmBh (Ankara/TURKEY-Aachen/GERMANY)

In addition to previous R&D Tasks, communication bridge between German R&D engineers and field operations team was successfully established, processes were improved by setting up and maintaining correct work breakdowns for technicians and subcontractors.

May 2009 - Jan 2010, R&D Engineer @Solitem GmBh (Ankara/TURKEY-Aachen/GERMANY)

HW design and SW programming with directives of German R&D team, efficiency of the electrical infrastructure between industrial system and control electronics is improved, effective cooperation was constructed between internal-external design and manufacturing facilities.

Jan 2009 - Apr 2009, R&D Technician (Part time)@Teknolus AS (METU Tech. Valley - Ankara/TURKEY)

Great experience on automotive electrical and electronics infrastructures (solar racing cars), battery management and motor control systems. Power electronics for PV systems, design, testing and repair.

Apr 2007-Aug 2008 , R&D Technician (Part time)@Turkay AS (METU Tech. Valley - Ankara/TURKEY)

Involved in Turkey's first electric monorail train and electric helicopter tug system. Successfully implemented hi speed busbar design. Cabling for remote control cabinets, design, testing and repair.

Education:

Bachelor Degree (2002-2009) METU (Middle East Technical University) Ankara/TURKEY- Electrical & Electronics Engineering Department- Power Electronics & Power Systems

Skill Set (Good at):

Innovation Management : Problem solving, idea evaluation, cost-benefit analysis, risk analysis and planning, project & team management, Ms Excell, Ms Project, Redmine.

Electrical and Electronics & Machine Design, Manufacturing, Testing : Analog-digital-embedded systems, power & control circuits, electrical infrastructure design, electrical connectivity, structural & mechanical design, coding with C, data analysis with excell and python, testing and debugging systems,Eagle, Protel, Proteus-Isis, Matlab, PSpice, Solidworks, Solidworks electrical, Eplan, Solidcam.

Renewable Power Systems, Power Quality & Energy Distribution: Renewable system design, Energy storage systems, industrial and custom electronics, LV & MV electricity distribution infrastructures, power quality analysis, tracking and improvements. EN50160, IEC61000, ION7650, HIOKI PW3198, Digsilent, EMTP-RV.

Skill Set (Familiar with):

Web Systems : Frontend & backend coding, databases.
Other programming languages: Assembly, matlab-simulink
AI & Machine learning: IoT, Data acquisition & analysis
Blockchain systems: Value exchange algorithms

Languages:

Turkish: Native **English:** Intermediate

Certificates & Patents:

Certificates: **1-**Energy Management, 25.06.2015, ISKRAEMECO, **2-** Smart Metering, 24.03.2015, DNVGL, **3-**PLC Programming, 03.2011, Schneider Electric **4-** ISO 9001-2008 Process Quality certificate, 12.2009, SOLITEM **5-** Dist. vehicle electronics, 01.2009, METU E&E **6-** PMP & Patent issues, 09.2007,METU Technopark **7-** Business management,10.2006, KOSGEB.

Patents: **1-**2018-GE-61699, Smart meter seal for utilities**2-** 2013-G-234695, wire connection meth. **3-** 2013-G-83800, Interactive Bil-board System

Personal & Hobbies:

IHA0 class certified drone pilot (236 flight hours) using Phantom 4 Pro. Always find joy in life.. I do Macro and abstract photography, acrylic painting, furniture design, modern sculptures, gardening, writing, outdoor activities doing other types of sports.