Job Mathenge

Kenya

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**Summary**

PLC programmer and OPC configuration in I4.0 system, SCADA Designer, Integrator,   
IoT Integrator, developer,   
Embedded boards (C++) and Python GUI Developer, Nurse Call Specialist Integrator,   
KNX Integrator,

**Experience**





**Hospital Nurse Call System Specialist**   
MEDWARE SOLUTIONS, INC   
Sep 2020 - Present (1 year 1 month +)   
Programming and commissioning nurse call projects.

Completed projects:  
- Nairobi West Hospital 150 bed capacity.

- Metropolitan Hospital 160 bed capacity.

- Dr. Rasik Kantaria Jalaram Medical Services Outpatient   
Providing technical support on installed nurse call systems,   
Nurse call System design, flexible based on facility architecture and budget.

**Software (Firmware) Developer**   
Pumua\_Ishi   
Apr 2020 - Present (1 year 6 months +)  
• Programming and maintaining firmware for Covid Response Ventilator, Kenyan branded PumuaIshi  
• Participated in System Design of the Ventilator.

• Participated in System Design of the COSECSA Laparoscopy Tower

**IOT Developer/ Integrator**   
TEKWISE SMART SOLUTIONS   
Jul 2019 - Aug 2020 (1 year 2 months)   
Providing technical Support on Hardware and Software for key logistic companies. Configuring web and mobile-based applications for cold room monitoring.

Integrating telematics hardware and software for fleets of 2 Logistic companies.

Promoting IoT Solutions for Cold rooms and Server room Monitoring and Fleet monitoring

**Scada Service Engineer**   
Centurion Systems Ltd

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2017 - Mar 2019 (2 years 3 months)   
Configuration services on SCADA OPC servers that needed tunnelling. Headind the SCADA depertment, in projects,trainings, field servicing. Field servicing and maintenance on SCADA systems.

Trainer in SCADA systems and PLC programming.

**Education**



**Jomo Kenyatta University of Agriculture and Technology** Bachelor of Science - BS, Instrumentation and Control   
2013 - 2017

**Licenses & Certifications**





















**AVEVA™ Production Management 2020 Performance Solutions** - AVEVA Serial Number: 352318-19749-06052021

**Nurse Call Technician** - Schrack Seconet AG 2020\_3

**KNX Certification** - Futurasmus KNX Group

**WonderWare SCADA Training Certification** - AVEVA Serial Number: 352544-18022-07052021

**Citect SCADA Certified Professional (CSCP) Version 2018** - AVEVA 2136

**Fundamental Principles of Network Security**  - Schneider Electric Industrial Services   
3cb2a369b647722213a5d40fbb8788cc

**Cisco Introduction to the Internet of Things 2.0**  - Cisco

**PMMI Mechatronics: Programmable Logic Controllers 1 (PLCs)** - Centurion Systems Ltd   
2142

**Cisco IT Essentials**  - Cisco

**CCNA Routing and Switching** - Cisco

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**WINCC SCADA** - Centurion Systems Ltd   
2136

**SOLIDWORKS 2016 Essential Training** - LinkedIn

**Skills**

Citect   •   Wonderware   •   WinCC   •   SIMATIC STEP 7   •   Google Cloud Platform (GCP)   •   Microsoft Office  •   Python (Programming Language)   •   Programmable Logic Controller (PLC)

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