

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 Pumualshi
- 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

2017 - Mar 2019 (2 years 3 months)

Configuration services on SCADA OPC servers that needed tunnelling.

Headind the SCADA department, 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



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)