

OWUO JOHN

Control Systems Engineer and Project Manager

A vibrant job-seeker willing to excel in a working environment that offers challenges, calls for innovation, and offers career advancement. Ready to assist the team in achieving company goals, have excellent time management, and maintain a full-time position that offers professional challenges utilizing interpersonal skills and problem-solving skills. Detailed team player with the ability to handle multiple projects simultaneously with a high degree of accuracy.

JOB EXPERIENCE

2023-09-

Current

Project Coordinator

FREJED ENGINEERING SERVICES, Nairobi

- Coordinating project schedules, timelines, and resources to align with engineering and operational goals.
- Supervising the installation, maintenance, and optimization of control systems such as SCADA and PLCs.
- Acting as the bridge between engineering teams, vendors, and clients to ensure clear communication and smooth project execution.
- Providing expertise in instrumentation and control to troubleshoot system issues, optimize processes, and ensure compliance with industry standards.
- Ensuring that all project activities adhere to health, safety, and environmental regulations, as well as relevant standards for equipment and process safety.
- Preparing technical reports, maintaining project documentation, and updating stakeholders on project progress.

Contacts

Address

NAIROBI, KENYA 00100

Phone

0741151852

Email

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Skills

Distributed Control Systems(DCS)



Excellent

PLCs and SCADA systems



Excellent

Calibration and Configuration



Excellent

Troubleshooting



Excellent

Circuit Design



Excellent

Sensors and Actuators



Excellent

Electro-motor rewinding



Excellent

Heavy Machinery Operations



Excellent

2022-05-
2023-08

Electrical and Control Systems Engineer

KVM, Thika

- Supervised the repair, maintenance, and optimization of heavy machinery and motor systems, ensuring maximum operational efficiency.
- Managed a team of technicians, providing mentorship and enhancing technical knowledge to improve overall performance.
- Diagnosed complex faults in electric motors, transformers, and associated equipment, implementing effective repair solutions to reduce downtime.
- Conducted routine inspections and preventive maintenance of heavy machinery, including equipment exceeding 25 tons, to ensure adherence to safety and quality standards.
- Oversaw rewinding processes for electric motors, ensuring compliance with technical specifications and maintaining operational integrity.
- Designed and reviewed standard operating procedures (SOPs) for workshop operations to improve workflow and safety compliance.
- Facilitated the installation and commissioning of new machinery, optimizing processes and reducing energy consumption.
- Prepared detailed technical reports and communicated progress to senior management and stakeholders.

2021-11-
2022-04

Energy Control and Instrumentation Engineer Intern

KenGen, Naivasha (Olkaria)

- Maintained and optimized control systems specific to geothermal power plants.
- Handled installation and calibration of instrumentation

Quality Assurance

● ● ● ● ●
Excellent

Critical Thinking

● ● ● ● ●
Excellent

Communication

● ● ● ● ●
Excellent

Active Listening

● ● ● ● ●
Excellent

Problem-Solving

● ● ● ● ●
Excellent

Decision Making

● ● ● ● ●
Excellent

Leadership and Management

● ● ● ● ●
Excellent

Risk Assessment

● ● ● ● ●
Excellent

Planning and Budgeting

● ● ● ● ●
Excellent

Technical Documentation and Reporting

● ● ● ● ●
Excellent

Software

Ladder Logic

● ● ● ● ●
Excellent

MATLAB

- and control systems in geothermal facilities.
- Automated geothermal energy production processes using advanced control systems.
- Integrated energy systems with control and instrumentation technologies.
- Ensured that all energy systems comply with safety and environmental regulations.
- Used data from instruments to analyze system performance and improve energy output.

2019-05-
2019-08

Industrial Control and Instrumentation Attache

KENYA AIRPORTS AUTHORITY, Nairobi

- Performed system diagnostics and provided technical support in a highly demanding environment.
- Maintained electrical facilities, PABX systems, crash alarms, proximity sensors, and enhanced functionality in high-traffic areas.
- Integrate PLC systems with other control and monitoring systems, including SCADA, to enhance operational efficiency.
- Implement communication protocols (e.g., Modbus, Ethernet) for seamless data exchange between devices.
- Monitor PLC-controlled systems such as baggage handling, lighting, HVAC, and security systems to identify issues and ensure uninterrupted operations.
- Diagnose faults in Siemens and Schneider PLCs using diagnostic tools like TIA Portal, EcoStruxure, or Unity Pro.

EDUCATION

2024-04-
current

Project Management

CRM.ORG

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Python	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Power BI	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Microsoft Office	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Spreadsheet	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Languages	
English	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Swahili	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>

2016-09-2021-04 **Bachelor of Science in Control and Instrumentation**
Jkuat - Kiambu, Kenya

2016-01-2016-09 **Certificate in Computer (ICDL Profile Certificate)**
KCA University - Nairobi, Kenya

2012-01-2015-11 **Kenya Certificate of Secondary Education**
Mbita High School - Homa Bay, Kenya

2003-01-2011-11 **Kenya Certificate of Primary Education**
St. Peters Cape View - Homa Bay, Kenya

Achievements & Awards

- National Level Science and Engineering Fair
- National Level Kenya Drama and Music Festival
- County Level Scouts Inter Patrol Camping Competition

Volunteering

- A volunteer member of the Green Belt Movement | since 2021
- A member of the Friends of Karura Forest | since 2022

Leadership Role

- Programme Manager | Giving back to the Community through Invicta Child Foundation | Current

Interests

- Research
- Mentoring
- Art
- Strategic Gaming

- Tech-savvy

