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|   | **Wycliff Okumu**Project Engineer |   |

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|  | (079) 587-6555  |

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|  | okumuwycliff8052@gmail.com |

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|  | Nairobi, Nairobi West 00100 |

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|   | Career Objective |   |

I am a qualified Electrical Maintenance Engineer with close to 6 years of experience in commercial maintenance and a strong background in food manufacturing machinery and Internet of Things(IoT) design. Seeking to leverage my skills and knowledge to contribute to a reputable company offering upskilling and training opportunities. | Professional Experience:***Electrical Maintenance Engineer*** *James Finlay Company [Jan 2019-Feb - 2021]** Machine Maintenance: Meticulously maintained various machines, including motors, control boards, and control automation systems, ensuring optimal efficiency and performance during operations.
* Root Cause Analysis: Conducted thorough root cause analysis to identify and troubleshoot system issues proactively and reactively, minimizing downtime and improving reliability.
* IoT Design: Designed and implemented IoT systems to enhance data accuracy and efficiency, utilizing energy meters to monitor energy consumption and sensors to actuate controlled valves for gas, water, and steam pipes.
* Project Management: Led electrical installation projects in commercial buildings, overseeing design, project planning, tracking, quality assurance, risk management, and commissioning to ensure timely and successful completion.

**Electrical Installation Specialist***Datacore Systems Ltd [March 2021 - Nov 2023]** Design and Implementation: Managed the design and implementation of electrical installations in commercial buildings, ensuring adherence to industry standards and client specifications.
* Project Coordination: Coordinated with various stakeholders to track project progress, manage risks, and ensure quality assurance throughout the project lifecycle.
* Testing and Certification: Conducted thorough testing and inspection of electrical installations, ensuring compliance with the 18th Edition Wiring Regulations and obtaining necessary certifications.

**Engineering Project Manager***Alpha Systems Ltd [Nov 2023 – Present]** Project Planning: Establish project scope, goals, and deliverables that support business
* Goals in collaboration with senior management and stakeholders.
* Resource Management: Determine and allocate project resources such as manpower,
* Equipment, and materials efficiently.
* Scheduling: Developing and maintaining project timelines, ensuring that activities are
* Planned and executed in a manner that leads to the completion of the project on schedule.
* Problem Solving: Identifying, analyzing, and resolving project issues and obstacles, often involving complex technical and logistical challenges.
* Financial Management: Monitoring and reporting on project budget and expenditures to ensure financial accountability.
* Communication: Facilitating communication between project stakeholders regarding project status and issues to ensure transparency and that everyone is aligned.

**EDUCATION**September 2022 – Present**Bachelor of Sciences in Electrical and Electronics Engineering candidate (light power)**Jomo Kenyatta University of Agriculture and Technology(JKUAT) Expected graduation date September 2026January 2016 – November 2018**Diploma In Electrical And Electronics Engineering** Kabete National Polytechnic, Kiambu, Kabete**Relevant Coursework*** Automation of Conveyor Systems: Developed and implemented an automated conveyor system project, involving layout design, motor selection, and control systems integration using PLCs.
* Solar Design and Installation: Had the privilege to learn the skills and experience required for designing commercial solar, domestic solar and impact of solar water heaters.
* PLC and Control Systems: Designed trends in automation it’s effect and efficiency if installed
* Smart Factory Model: Created a smart factory model as a final year project, focusing on automation and control systems to optimize manufacturing process.

**Hard Skills**:* Electrical Maintenance
* Root Cause Analysis
* IoT System Design
* Project Management
* Electrical Installation
* PAT Testing
* Emergency Light Testing
* Power Distribution
* Electrical Fault-Finding
* Control Panel Maintenance
* Transformers and Star Delta Starters

**Soft Skills:*** Problem-Solving
* Communication
* Teamwork
* Attention to Detail
* Time Management
* Adaptability
* Critical Thinking
* Leadership
* Creativity
* Interpersonal Skills
* Project Management
* Ethical Judgement

**Qualifications/License/ Certification**:* Electrical Wireman 2
* Solar Installer T3 license
* CPAM(Certified
* OSHA level 3
* PAT Testing Certification
* AutoCAD MEP & Revit

**Training and Development:*** Artificial intelligence(AI) in Engineering
* Smart Cities(Facility Management)
* PMP training
* Data Analysis using SAP and Excel

**Professional Memberships**:* National Construction Authority(NCA)
* Institute of Engineering Technologist (IET)
* Kenya Engineers Technicians Regulation Board(KETRB)
* Institution of Engineers of Kenya(IEK)
* Interpreted test information to resolve design-related problems.
* Designed or modified engineering schematics for electrical transmission and distribution systems or for electrical installation in residential, commercial, or industrial buildings, using computer-aided design (CAD) software.
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