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| |  |  |  | | --- | --- | --- | |  | **Wycliff Okumu**  Project Engineer |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | Contact   |  |  | | --- | --- | |  | (079) 587-6555 |  |  |  | | --- | --- | |  | okumuwycliff8052@gmail.com |  |  |  | | --- | --- | |  | Nairobi, Nairobi West 00100 | |  |  |  |  |  | | --- | --- | --- | |  | 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 2026  January 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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