

DAVID OBED MSENGI's CV

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PERSONAL PROFILE

A highly motivated and detail oriented Electrical Engineering graduate from University of Dar es Salaam, with a strong foundation in power systems, electrical installation, maintenance automation. Skilled in designing, analyzing, and troubleshooting electrical systems, with hands-on experience through industrial practical training and academic projects. Passionate about applying technical expertise to solve real world challenges and a commitment to deliver high quality results in demanding environments.

EDUCATION PROFILE

2021 – 2025	BSc in Electrical Engineering	University of Dar es salaam.
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- **Relevant Courses:** Power Systems, Electrical Machines, Control Systems, Electronics, Renewable Energy, Project Design
- **Final Year Project:** Design of a Phase Monitoring and Failure Notification System

2019 – 2021	A-level Certificate	Bihawana Sec School.
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- **Combination:** Physics, Chemistry, and Mathematics (PCM)

SKILLS

Technical Skills

AutoCAD Electrical	ETAP
MATLAB/Simulink	Microsoft office (excel, word and project)

Soft Skills

Strong analytical and problem-solving skills	Time management and self-discipline
Team collaboration and communication skills.	Ability to work hard and highly committed.

LANGUAGE PROFICIENCY

Kiswahili.	Fluent
English.	Very good

WORK EXPERIENCE AND PROFESSIONAL TRAINING

July – October, 2022	Industrial Training	VETA MWANZA Electrical Workshop
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Tasks Performed

- Carried out wiring and installation of circuits in training workshops and demo projects.
- Practiced fault diagnosis and repairs for lighting, power distribution, and motor circuits.

- Performed insulation resistance testing, continuity checks, and voltage measurements.
- Conducted motor control panel wiring, including installation of contactors, and relays.

July - September, 2023 Industrial Training MWAUWASA.

Tasks Performed

- Installation and troubleshooting of pump control systems, including control circuit starters
- Carried out maintenance on electrical systems at pumping stations and treatment plants.
- Ensured proper functioning of water level, and flow sensors integrated with SCADA systems
- Documented maintenance activities, and reported major faults to engineering supervisors.

July - October 2024 Industrial Training MMG GOLD LIMITED.

Tasks performed

- Installation, testing and Commissioning of new electrical systems including control systems and panels.
- Electrical maintenance and troubleshooting of motors, transformers and generators.
- Adhered to workplace electrical safety standards and participated in daily toolbox meetings.
- Documentation and reporting of daily logbook of electrical work done and critical issues.

REFEREES

Mr. Nemes Shayo

Electrical supervisor, MMG Gold Limited

Tel no: +255626100881

Mr. Edwin Temu

Workshop supervisor, VETA RVTSC Mwanza

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Mr. Francisco Balenga

Lecturer, University of Dar es Salaam

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DECLARATION

I hereby declare that all the information given above is true and correct to the best of my knowledge and belief. I hold the responsibility for the correctness of the above information,