





Gilbert David Wagumba


Mechanical Engineer

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 Dar es Salaam, Tanzania

 Tanzania

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Profile

Mechanical Engineering graduate with a strong understanding of design, development, and implementation of custom mechanical components, sub-assemblies, and final assemblies. Eager to apply my skills to contribute to the engineering role.

Professional Experience

2023/07 – 2023/11 Dar es Salaam, Tanzania	Mechanical Engineer Intern <i>Tanzania Ports Authority</i> <ul style="list-style-type: none">Contributed to the effectively reduced downtime by 30% by applying rapid and precise problem resolution techniques.Working with Professionals in specifying, documenting and implementing manufacturing methods and test equipments, and executing equipments maintenance verification for production release, achieving a 90% success rate.Executed over over 30 equipment and system test ensuring safety and regulatory compliance.
2021/07 – 2022/11 Arusha, Tanzania	Mechanical Engineer Intern <i>Tanzania Engineering of Manufacturing Design Organization</i> <ul style="list-style-type: none">Assisted in the design and development of custom mechanical components, resulting in a 20% increase in efficiency.Contributed to the resolution of manufacturing issues, ensuring the smooth operation of the manufacturing line.Collaborated with CAD designers and development engineers on prototype and pilot detailed design, ensuring design accuracy and manufacturability while presenting technical data in design reviews and status update.Contributed in continuous improvement projects that enhanced manufacturing yields by 10% and reduced error rates by 12%.

Education

2020 – 2024 Dar es Salaam, Tanzania	Bachelor of Engineering in Mechanical Engineering <i>Dar es Salaam Institute of Technology</i>
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Skills

Mechanical Design	● ● ● ● ●	Manufacturing Strategies	● ● ● ● ●
Project Research	● ● ● ● ●	Maintenance Strategy	● ● ● ● ●
AutoCAD	● ● ● ● ●	MATLAB	● ● ● ● ●
Lean projects	● ● ● ● ●	Analytical Thinking	● ● ● ● ●
Team Collaboration	● ● ● ● ●	Adaptability	● ● ● ● ●
Microsoft Office	● ● ● ● ●		

Languages

- English

• Swahili

Projects

Design and Manufacturing of a Solar Oven
Renewable Energy Project