

**CAREN CHIBWARA**  
**Software Developer**  
**Graduate Mechanical Engineer**  
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## PROFESSIONAL SUMMARY

Dedicated and analytical professional with a certificate in software development and a Bachelor's degree in Mechanical Engineering. Certified in Siemens Mechatronic Systems (Level 1 and 2), bringing a solid foundation in systems engineering, problem-solving, and automation as well as knowledge on ERP systems. My passion for technology is deeply rooted in a desire to create impactful solutions that drive sustainability and combat climate change. Combining a strong engineering background with software skills, I am keen to apply my expertise to create impactful software solutions within a forward-thinking development team.

## EDUCATION

### Software Development Certification

Moringa School,

February 2024 - August 2024

### Bachelor of science in Mechanical Engineering

Dedan Kimathi University of Technology,

Second Class Upper Division

May 2018 - May 2023

### Siemens Mechatronic Systems Certification SITRAIN

- Digital Industry Academy, Level 2

February 2023 - June 2023

### High School Diploma Matuga Girls High School, B+

Grade

2014 - 2017

## WORK EXPERIENCE

- **Sales and Design Engineer Intern**  
Universal Kazan, Istanbul, Turkey  
July 2023 - September 2023
- **Design Engineer**  
Centre of Biomass and Energy Research  
Dedan Kimathi University of Technology  
October 2022 - June 2023
- **Mechanical Engineering Inspector**  
County Government of Kwale,  
October 2021 - January 2022

## SKILLS

### ERP Systems:

Microsoft Dynamics 365 ERP system

### Programming Languages:

Python, JavaScript, HTML, CSS

### Frameworks & Libraries:

React.js, Flask

### Databases & ORM:

PostgreSQL, SQLAlchemy

### Design Skills:

Figma, Solidworks, Siemens NX, Material UI

### Tools & Technologies:

Git, RESTful APIs, MS Office

### Soft Skills:

Effective Communication, Team

Collaboration, Detail-oriented

Problem-Solving, Leadership, Time

Management

### LANGUAGES:

English (Fluent),

Kiswahili (Native)