

Tiffany Gathoni

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Objective

Innovative and driven Information Technology student with a robust foundation in AI and full-stack development. Ready to leverage my diverse skill set and enthusiastic passion for technology in a dynamic, forward-thinking environment. Seeking an opportunity to contribute to groundbreaking projects and propel technological advancements while honing my expertise and driving impactful solutions.

Education

Bachelor of Science in Information Technology

Zetech University, Nairobi, Kenya

Expected Graduation: November, 2025

Chogoria Girls High School

Tharakanithi, Kenya

Graduated: 2022

Achieved a B+ grade

Technical Skills

- **Programming Languages:** Python, C#, Java, C
- **Web Development:** HTML, CSS, React
- **Development Frameworks & Tools:** React, Flask, IoT

Projects

E-commerce Website Development

- Developed a comprehensive e-commerce website using React, improving user engagement by 30%.

- Implemented user authentication, product catalog, shopping cart, and checkout functionalities, enhancing transaction efficiency by 25%.
- Integrated RESTful APIs for real-time data fetching and updates, reducing data latency by 40%.
- Ensured responsive design and cross-browser compatibility, resulting in a 20% increase in mobile user satisfaction.

Waste Management System Development (Ongoing)

- Leading the development of a smart waste management system, focusing on user interface design and real-time tracking features.
- Designed and implemented the user interface using HTML, CSS, and JavaScript, improving user interaction efficiency by 30%.
- Collaborated with a team to integrate backend services and database management, ensuring seamless data flow and storage.
- Developed efficient waste tracking and reporting features, utilizing IoT sensors for real-time bin level status and weight monitoring for smart cities.

Experience

Looking for a chance to get experience.

- Developed specific features or components using Python, C#, Java, etc.
- Collaborated with a team to design and implement specific projects or tasks.
- Conducted code reviews and debugging to maintain quality and performance.

Extracurricular Activities

- **Reading:** Enthusiast of technology and science fiction literature.
- **Nature Walks & Road Trips:** Passionate about exploring the outdoors and discovering new places.
- **Tech Community Involvement:** Active participant in Women In Tech, Power Learning Project (PLP)

Personal Attributes

- **Innovative Thinker:** Continuously seeking new ways to solve problems and improve existing solutions.
- **Team Player:** Effective communicator and collaborator, thriving in both independent and team-based environments.

- **Quick Learner:** Able to quickly adapt to new technologies and methodologies.