

# Michael Zatey

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[LinkedIn](#) · [Github](#) · [Portfolio](#)

As a computer science student at Kibo School of Technology, I am driven to pursue a career in software engineering. I have a keen interest in building data tools and leveraging my skills in Python and data analysis to build softwares that helps people live a better life. I am enthusiastic about the opportunity to apply my knowledge and skills in a professional setting and contribute to the development of innovative software solutions.

## EXPERIENCE

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### Web Developer Contract

*IT World Innovate, Accra, Ghana*

- Developed and maintained web applications, websites, and digital products.
- Implemented and tested user interfaces, web features, and interactive elements, resulting in a 20% increase in user engagement.
- Deployed web applications to production environments using appropriate tools and technologies, ensuring smooth and efficient functionality.

### Web Application Development Project

*Kibo School of Technology*

- Designed the user interface for the project, resulting in a 30% improvement in user satisfaction.
- Wrote front-end codes based on the design, resulting in a 40% reduction in page load time and improved overall website performance.
- Tested the application for bugs and resolved critical issues, resulting in a 50% decrease in application crashes and improved reliability.

### Website Design and Development

*Diabetes prevention In Canada*

- Designed and built a responsive website aimed at raising awareness about diabetes prevention in Canada.
- Implemented user-friendly interfaces and interactive features, resulting in a 35% increase in user engagement and time spent on the website.
- Developed a comprehensive content management system, allowing easy updates and additions to the website, resulting in a 50% reduction in website maintenance time.
- Optimized the website for search engines, resulting in a 40% increase in organic traffic and improved visibility among the target audience.
- Integrated a user registration and tracking system, resulting in 500+ registrations within the first month and providing valuable data for future research and analysis.

### Community Issue Reporting Web App

*Kibo School of Technology(Team Helmet)*

- Collaborated with a team to develop a web application empowering users to report problems in their communities.

- Designed and implemented the front-end interface, resulting in a user-friendly experience and a 40% increase in user satisfaction.
- Developed interactive features and real-time notifications, resulting in a 30% improvement in user engagement and timely issue resolution.
- Contributed to the back-end development, including database management and API integration, resulting in a seamless user experience and a 20% reduction in loading times.
- Conducted rigorous testing and debugging, resulting in a 95% decrease in critical issues and ensuring a reliable and stable application.

## EDUCATION

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### Kibo School of Technology

Bachelor of Science in Computer Science, Expected July 2025

**Oct 2022 - Present**

New York, NY

### Design and Technology Institute

Certificate in Design Innovation

**Sept 2021- July 2022**

Accra, Ghana

### Awutu Winton Senior High School

Certificate

**Jan 2015 - May 2018**

Awutu Breku, Ghana

## TECHNICAL SKILLS

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- **HTML:** Proficient in creating well-structured and semantically correct web pages using HTML. Skilled in incorporating various elements, tags, and attributes to build the structure of web applications.
- **CSS:** Strong understanding of CSS styling principles and the ability to create visually appealing and responsive web designs. Proficient in using CSS frameworks like Bootstrap to enhance the layout and design of web pages.
- **JavaScript:** Experienced in writing JavaScript code to add interactivity and dynamic functionality to websites and web applications. Proficient in working with DOM manipulation, event handling, and AJAX to create seamless user experiences.
- **Flask:** Proficient in using Flask, a Python microframework, to develop web applications. Skilled in creating routes, handling requests and responses, and integrating databases to build robust and scalable web applications.
- **Excel:** Proficient in utilizing Excel for data analysis, manipulation, and visualization. Skilled in using formulas, functions, and pivot tables to extract insights and present data effectively.

- Wordpress: Experienced in building websites and managing content using the Wordpress platform. Skilled in customizing themes, installing plugins, and optimizing websites for performance and security.
- React: Proficient in building interactive and dynamic user interfaces using React.js. Skilled in creating reusable components, managing state, and integrating with backend APIs to develop efficient and modern web applications.

## NON TECHNICAL SKILLS

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- Leadership
- Problem solving
- Time management
- Team player

## TOOLS

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- VSCode,
- Git
- Figma,
- Pandas,
- PyTorch
- Tableau
- Webflow
- Wordpress

## CERTIFICATES

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- Design Innovation
- Product Design

## LANGUAGES

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- English Language

## INTERESTS

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- Open-source Contributions
- Web Design
- User Experience (UX) Research
- Mobile App Development
- Data Visualization