

# Florence Ndinda

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I'm a dedicated and passionate computer science student with a strong foundation in various programming languages and web development. My journey in the tech world has equipped me with a diverse skill set that I continually strive to expand. I possess knowledge in: Web Development: Proficient in creating dynamic and responsive websites using HTML, CSS, and JavaScript. Experienced in developing both front-end and back-end solutions.

## WORK EXPERIENCE

### Freelancer.org - 09/2023 - 12/2023

#### Article Writer

- Created content outlines and wrote drafts of articles based on research findings.
- Researched topics to ensure the accuracy of information in the article.
- Met deadlines consistently without sacrificing quality of work product.
- Analyzed reader feedback to identify areas for improvement in future articles.
- Compiled data from various sources into a cohesive format suitable for publication.
- Maintained current knowledge of industry trends related to assigned topics.
- Reviewed and revised articles for accuracy, clarity, grammar, and style.
- Crafted compelling headlines and captions to attract and retain readers attention.

### Freelancer projects - Ongoing

#### Freelancer Developer

- Worked on diverse systems across different industries including management systems, web applications, and e-commerce platforms.
- Collaborated with clients to understand requirements, build tailored solutions, and meet deadlines.
- This experience enhanced my technical proficiency, adaptability and client communication skills while reinforcing my ability to deliver high-quality results under pressure

### Technical Mentor - eMobilis Technical Institute - Ongoing

- Guide and support learners in web and software development projects, focusing on Python, Django, and front-end technologies.
- Conduct one-on-one mentorship sessions and code reviews to strengthen students' practical skills.
- Assist in curriculum delivery, troubleshooting, and technical training.
- Encourage innovation and problem-solving through collaborative, hands-on learning.

## **EDUCATION**

### **Bachelor of Science in Computer Science**

Kenya College of Accountancy • Ongoing

### **Kenya Certificate of Secondary Education**

St George's Girls Secondary School, Nairobi • 12/2022

## **CERTIFICATIONS**

### **AI Career Essentials (AICE) Certificate - ALX Africa (2024)**

- Completed the AICE program under ALX, designed to prepare professionals for the AI-driven future of work.
- Gained foundational knowledge in Artificial Intelligence, including its applications and implications across industries
- Developed AI fluency to understand and collaborate effectively with AI tools  
Built essential skills in problem-solving, communication, adaptability, and navigating AI-powered work environments
- Participated in hands-on, team-based projects to simulate real-world challenges

### **Web Development Certificate - EMobilis Technical Institute**

Acquired hands-on experience in full-stack development including:

- Front-End Development: HTML, CSS, JavaScript (DOM, responsive design)
- Back-End Development: Python & Django framework, including database integration and API development
- Node.js Fundamentals, Git & GitHub for version control
- Delivered full-stack projects with both functional and aesthetic design

### **Applied Data Science - WorldQuant University**

Completed a comprehensive, project-based program covering:

- Python for Data Science, data analysis with Pandas & NumPy
- Statistics, probability, and machine learning techniques using Scikit-learn
- Data Visualization with Seaborn, Matplotlib, and Tableau
- Final Capstone: Market Forecasting in India using predictive modeling and time-series data analysis

## **Power Learn Project Academy - Software Development (Ai engineering Specialization) - Ongoing**

- Currently pursuing a specialization in AI and Machine Learning applied to software development.
- Developing models and systems that integrate intelligent automation into real-world applications.
- Engaged in hands-on projects involving ML pipelines, data preprocessing, and model deployment.

## **VOLUNTEERING & LEADERSHIP**

### **Catholic Parochial School**

Student Leader

### **St George's Girls Secondary School Nairobi**

Student Leader

## **SKILLS**

- Proficient in HTML, CSS, JavaScript, Python, and C.
- Experienced with Django Framework and Node.js for back-end development.
- Expertise in front-end design and back-end integration.
- Knowledgeable in database handling, integrity, and interpretation.
- Creative writing, document editing, teamwork, time management, and proficient typing with high accuracy.
- Knowledge in Visual Basic.
- Strong understanding of data handling and interpretation.
- Skilled in developing dynamic, responsive websites with an emphasis on both front-end design and back-end integration.
- Solid experience in database handling, integrity, and interpretation.
- Data Science: Expertise in applied data science, including knowledge of data handling and interpretation techniques.
- High proficiency in Microsoft Office Suite and Visual Basic.
- Expert in CSS, document editing, and responsive design practices.