

# Florence Ndinda

Nairobi • +254110866688 • zahratheo569@gmail.com

I am a software developer and data science practitioner with experience in building full-stack applications, AI-powered solutions, and user-centered products. I am passionate about leveraging technology to solve real problems and creating accessible learning opportunities for young Africans entering the tech space.

## WORK EXPERIENCE

### Digital Leap Africa - Organizing Director

July 2025 – Present

- Plan, coordinate, and manage community webinars and tech events.
- Develop event themes, secure speakers, and oversee webinar logistics.
- Moderate live sessions and ensure smooth event execution.
- Support community engagement and growth strategies.
- Collaborate with the management team on operations and content planning.

### Freelancer projects - Freelancer Developer

Ongoing

- 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

### eMobilis Technical Institute - Technical Mentor

Oct 2025 – Dec 2025

- 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 (2024)**

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)**  
**July 2025 – Dec 2025**

- Completed a specialization in AI and Machine Learning applied to software development.
- Built models and systems integrating intelligent automation into real-world applications.
- Worked on 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**

- HTML, CSS, JavaScript, Python
- Django Framework, Node.js
- Git & GitHub
- SQLite/MySQL database integration
- Data analysis (Pandas, NumPy)
- Machine learning basics.
- Model deployment basics.
- MS Office Suite
- Leadership & teamwork
- Time management
- Problem-solving