

# PRESTON MAYIEKA NYAMWEYA

Country: Kenya | prestonnyamweya@gmail.com | +254-799-078848 | LinkedIn: [Preston Mayieka](#) | GitHub: [preston176](#)

## EDUCATION

### University of Eldoret

Eldoret, Kenya

B.SC. in Computer Science

Expected Graduation, Nov 2025

- **Concentrations:** Intelligence and Modeling/Simulations
- **Related Coursework:** Data Structures & Algorithms, Computer Networks, Computer Organization & Architecture, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Web Development

### ALX Africa

Nairobi, Kenya (Remote)

Software Engineering Essentials

Jan 2023 – Nov 2024

## EXPERIENCE

### Elite Global AI

Lagos, Nigeria (Remote)

Information Technology Intern

Oct 2024 – Dec 2024

- Documented technical processes and created user-friendly guides to assist non-technical staff in resolving common issues.
- Learnt how to effectively use tools like IBM WatsonX and ServiceNow to enhance operational efficiency in handling PC-Related technical issues.

### Write The Docs Kenya

Nairobi, Kenya

Content Writer & Editor

Nov 2023 – Present

- Crafting technical articles and collaborate using “docs as code” methodology.
- Automate tests using CI/CD pipelines, to ensure consistency and style of publications.
- Articles: [wtdkenya.hashnode.dev](https://wtdkenya.hashnode.dev)

### Kenya Power & Lightning Company

Kisii, Kenya

Information Technology Industrial attachment

Jun 2024 – Aug 2024

- Assisted in maintaining and troubleshooting IT infrastructure, including hardware, software, and network systems, to ensure smooth operations.
- Supported the setup and configuration of workstations, printers, and other peripherals for organizational use.
- Collaborated with the IT team to manage system updates, backups, and user account administration.
- Documented and resolved common technical issues faced by users, enhancing overall system efficiency and user satisfaction.

## PROJECTS

### NexusAI

Solo Project

Dec 2024 – Present

- Developed a web app that allows users to securely store documents and interact with them (Ask questions and get responses based on the documents) <https://nexusai-pdf.vercel.app/>
- Learnt how to use Langchain and pinecone with Web libraries and frameworks (React.js, Next.js)

### Speedy Web Compilers

FreeCodeCamp Article

- Contributed to FreeCodeCamp writing an article that explains what SWC is. [Link To Article](#)
- Got to deepen my understanding on Web Compilers

## ACTIVITIES AND LEADERSHIP

### Google Developer Group- On Campus (GDG)

Eldoret, Kenya

Vice Lead (Frontend Lead)

Aug 2024 – Present

- Lead a community of over 243 members, overseeing community-building initiatives and technical events.

## SKILLS

**Programming:** Python, JavaScript, C#, TypeScript, HTML/CSS, PostgreSQL, MySQL, Node.js, React.js, React Native

**Tools:** Android Studio, Google Cloud, Jupyter Notebooks, Git, TailwindCSS, Agile, Vale, Mkdocs, Unity Engine, Firebase, MongoDB