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Clement Lumumba

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Work Experience

Software Engineer	Elearning Solutions Limited	January 2023–Present
Dev Team & Curriculum Engineering Team	Nairobi, Kenya	
<ul style="list-style-type: none">• I worked solely on setting up the inhouse Moodle LMS on Google Cloud Platform and all its related dependencies like payment integration, issuing of certificates and badges for learners.• Improved developer onboarding by implementing Sphinx automatic documentation all across the company code base.• Worked in a two person team to Improve student onboarding and user experience by implementing automatic user registration and course enrollment on our learning platform.• Implement wagtail CMS into our existing Django app, boosting company engagement and interaction.• I integrated Mathesar into our Learning Management System enabling easier data management to our non-technical staff.• I worked in a team of 3 developers on integrating Pesapal payment gateway into our in-house e-learning platform (https://elsathub.elearningsolutions.co.ke/), which led to better customer onboarding.		

Software Engineer Intern	Efisaes	July 2023–Dec 2023
Customer Success team	Nairobi, Kenya	
<ul style="list-style-type: none">• I worked on back-end development with Java EE and jQuery with HTML and CSS for the front-end.• My tasks were to assist and learn from senior-developers in adding features to the code base.• Part of a team of 5 developers to integrate a geo-zone tracking system for Zuku Internet marketers.		

Education and Certifications

- **B.Sc. Information Technology**, Multimedia University of Kenya. **2017–2022**
- [Full-Stack Web Development](#), Moringa School. **Feb 2022–July 2022**
- [Data Analysis with Python](#), Dataquest. **October 8, 2022**

Technologies and Languages

- Languages: Python, TypeScript, JavaScript, Java, HTML, SCSS, Bootstrap
- Technologies: Angular, Django, MySQL, Postgres, Google Cloud Platform (GCP), Git, Docker
- Other: Data structures and algorithms, System Design, Jasmine Unit Testing, Linux

Projects

- [Kenyan Election Data Visualization](#) - An Angular app that visualizes election data per county (gubernatorial, senatorial, presidential and women representative), built with Angular Material and Firebase.
- [Live Weather](#) - Built with Angular and Firebase the app consumes weather data and allows you to check weather of any city/town.
- [Pata Daktari](#) - Built using Django & Jinja, its an app that allows users to request PCR covid tests and also book a doctor at your nearest hospital.