**ONDIEK ELIJAH OCHIENG**

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**EDUCATION**

**Murang'a University of Technology**  **September 2019 – November 2023**

* Bachelor of Business and Information Technology

**SKILLS**

**Languages** HTML5,CSS3, Python, JavaScript (ES6), SQL

**Frameworks** Flask, FastAPI, React, Node.JS, Express.JS, Bootstrap5

**Tools** Git, GitHub, Docker, AWS, Heroku, Digital Ocean, Sanity.io, GraphCMS, Netlify, CircleCI, MySQL and PostgreSQL databases, and Linux

**EXPERIENCE**

**Software Engineer Intern at** [**https://itesyl.com**](https://itesyl.com)**, Nairobi, Kenya**  **May 2022 - Present**

* As an Intern, I’m tasked with maintaining and implementing new features on the existing business API using Python Flask and the automated bots using Nodejs to ensure the smooth running of the systems.

**Technical Article Writer at TechVarsity, Nairobi, Kenya**   **January 2022 - Present**

* As a technical writer, I am tasked with Coding APIs, CLI apps, and other applications utilising Python, Flask, FastAPI, Nodejs, and Express.JS used in tutorials, writing tests utilising Jest and Pytest, and then integrating with CircleCI for automated builds and tests. Also, documenting steps in making an application, testing, and Integrating with CircleCI.

**Web Developer at** [**www.memaafrica.com**](http://www.memaafrica.com)**, Nairobi, Kenya**  **July 2021 - Present**

* As a web developer, I redefined Mema Africa by elevating the existing website to a modern-looking site using HTML, CSS, and Bootstrap5 enhanced UX by improving Memaafricas’ website page load speed from 57% on mobile and 68% on the desktop to 71% on mobile, and 98% on the desktop.

**Web Developer** **at** [**https://wengiweb.com**](https://wengiweb.com)**, Nairobi, Kenya**  **December 2021 – January 2022**

* Built an online presence by blending design and programming elements to form a cohesive and responsive website.
* Simplified blog and event management by integrating the site with Sanity.io CMS and GraphCMS

**PROJECTS**

**Personal website**: [www.ondiek-elijah.me](http://www.ondiek-elijah.me) (for additional information and projects)

[**Headless CMS**](https://github.com/Dev-Elie/Flask-Headless-CMS) - Without necessarily implementing a backend, developers can integrate the CMS with frontend applications for blog management. It’s Built with Flask with an SQLite database and integrated with a continuous integration pipeline.

[**Social Media API**](https://fastapi-develie.herokuapp.com/docs) - A social media API built with FastAPI and powered by a Postgres database, integrated with GitHub actions CI/CD and automated deployments to an Ubuntu server on the digital ocean.

[**Bookmarks Manager AP**](https://develiebookmarks-api.herokuapp.com/docs)**I** - A bookmark manager API that allows for simple bookmark management. It is built with FastAPI, powered with a Postgres database and integrated with CircleCI for automated tests and builds with an automatic build and deployment of Docker images to DockerHub.

[**Blog Website**](https://github.com/Dev-Elie/Flask-Blog) - a blog website with user account actions and complete blog functionality.

[**Web Scrapper**](https://scrap-the-web.herokuapp.com/) **-** A tool for parsing images and HTML elements from websites. It involves inputting a target site than providing the element tag. It has support for downloading images from sites.

[**AWS Serverless Expense Tracker API**](https://github.com/Dev-Elie/AWS-Serverless-API#readme) - A serverless AWS expense tracker API. AWS Lambda functions, API gateway, and Dynamodb are among the ingredients.

**LEADERSHIP AND COMMUNITY INVOLVEMENT**

**Speaker, 3rd Annual PyConKE Conference at USIU, Nairobi**  **May, 7,2022**

Contributed to the annual Python Kenya Conference by talking about Effective testing with Python

**Beta Microsoft Learn Student Ambassador**   **October 2021 – Present**

Collaborates with other student campus leaders globally to organise virtual and in-person events that have impacted many students globally