

## MESHACK OTIENO

Nairobi Kenya | +254795699637

[meshakotieno343@gmail.com](mailto:meshakotieno343@gmail.com) | [linkedin.com/in/meshak-otieno](https://www.linkedin.com/in/meshak-otieno) | [github.com/mesho254](https://github.com/mesho254)

## EDUCATION

### Kirinyaga University Aug 2019 - OCT 2023

BSc Computer Science

### Our Lady of Fatima Secondary Feb 2015 – Nov 2018

High School

## SKILLS

**Database:** MongoDB, Firebase

**Languages:** JavaScript, Python

**Frameworks:** Express (Node.JS), React.js, Next.js

**Tooling:** Git and GitHub, Azure DevOps.

## EXPERIENCE

### Software Engineer Intern – IBM Research Africa, Nairobi Kenya

May 2023 – July 2023

- Developed Machine Learning notebooks and scripts using Python Language
- Developed Machine Learning models using Random Forest Regressor algorithm and UNET algorithm.
- Trained Machine Learning models for better predictions

### Full Stack Software Developer -- Rhions Lab Limited, Nyeri Kenya

July 2022 – October 2022

- This is the best experience I've ever achieved, working with a team to build a large-scale website for the company.
- Gained more experience in error handling and debugging and learned new languages.
- Helped migrate the Company's frontend application from react to Remix framework and backend from .NET to Nest.js framework.

## PROJECTS

### BlogTottie – Lead Developer

January 2023 – March 2023

- The blog website application allows users to create an account and log in. This allows them to create new blog posts, edit existing posts, and manage their profile information.
- The application also includes features such as search functionality, pagination, and commenting on blog posts, which enhances the user experience and encourages engagement.
- Developed using React.js, node.js and MongoDB. <https://blog-tottie.vercel.app/>

### School Dashboard – Lead Developer

September 2023 – October 2023

- This School dashboard allows teachers to manage student details like fee payment and fee statement management. The admin adds teachers and the teachers are able to add, update and remove students based on their details. Includes search functionality for students and a good user Interface to view student details on a table.
- Used JavaScript as the main language for both frontend and backend, and material UI for styling. [Link](#)

## LEADERSHIP AND COMMUNITY INVOLVEMENT

### Club Associate – Computer Society of Kirinyaga

January 2022 – Present

- I helped organize tech events that helped students at the Club share and learn more about Programming and Career paths. Shared knowledge with Club members involving my career path during career talks.

## CERTIFICATION AND LICENSURE

### Python for Data Science and Machine Learning Bootcamp

July 2023

- Awarded Certificate: <https://www.udemy.com/certificate/UC-ed8f2507-ea9c-44e7-b0a0-fb426d417b6c/>