

Collins Muiruri Kamau

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| <https://github.com/Collins7-7> | Kenya

Dedicated and efficient software developer with experience in building web applications.

SKILLS AND TOOLS

- Java including Spring Boot
- MERN (MongoDB, Express, React, Node.js)
- JavaScript
- Docker
- Ruby (Ruby on Rails framework)
- SQL
- HTML and CSS (tailwind)
- Version Control (GitHub, Bitbucket)
- Virtual Machines (VirtualBox, KVM)

Projects

Tech Shop - Live Link - <http://16.16.187.80:5000>

Online stores are an increasing phenomena and are famously known for their convenience in giving customers the freedom of placing orders from anywhere, an example is this Tech Shop E-commerce application.

Tech shop is a full-stack E-commerce application I built using the MERN stack. I dockerized the application and hosted the API in Amazon's EC2 platform. Some of its functionalities include:-

- Users can view the different products being sold, add them to their cart.
- Users can pay for their orders through PayPal.
- Users can rate and post reviews for the products and edit their own profiles etc.

To view code - <https://github.com/Collins7-7/Tech-Shop-MERN> .

Grapevine - <https://github.com/Collins7-7/Grapevine>

More than 60% of the world's population has access to the internet. That being said, many businesses are conducted online and many business owners benefit from their products or services being known and that is where Grapevine comes in.

Constructed a highly secure blogging platform, Grapevine, using Ruby on Rails and React; integrated user authentication, CRUD functionalities, and profile customization.

- The users can write and publish blog posts, edit their own blog posts and delete their own blog posts if they want to.
- Users can update their profile details like their profile picture, username, email and password. They can log out and log back in since their details are database stored.
- The impact of Grapevine to businesses for instance, is that it would act as a place of advertisement for the different products and services posted thus driving traffic towards websites of the advertised businesses by more than 10%.

Eventify - <https://github.com/Collins7-7/New-Eventify>

With the increase in events being hosted allover the country by roughly 10%, there is a need for a centralized application where event organizers can post all the details concerning their events and people can get to know about those events through the application and buy tickets for the different events thus the need for an application such as Eventify.

- Eventify is an events booking application that I spearheaded, working with a team of other software developers for which I was the Scrum Master, using React and Ruby on Rails for the front-end and back-end respectively. We also utilized Agile software delivery and CI/CD.
 - The Eventify app can be employed by an Admin who can perform several CRUD functionalities, and it can also be used by a simple user who can get to view the different events available and make bookings for those events.
 - The impact of Eventify is that it would reduce the time people use in search of events by close to 30% by providing them with all the information they need in one centralized place.
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EXPERIENCE

Software Engineering Intern at Laheri Systems Limited | 11th April 2023 - 10th July 2023

- Creating RESTful APIs using Python's Flask-Restful.
- Creating React applications for different clients.
- Writing technical documentations and user manuals.
- Writing UAT test scripts.

Freelance Transcriptionist | 11th Jan 2020 - 21st Feb 2022.

Managerial Trainee | KARI, Coffee Research Institute

2nd Sep 2019 - 3rd Nov 2019 | Ruiru

- Collected data regarding the state of 5 coffee farms.
- Bred coffee through hand pollination, grafting, top working and rooted cuttings.
- Processed coffee cherries – dehulled cherries and separated out the green beans for a week.
- Graded coffee as per the 8 grades.

Temporary employee| Juniper Intakes | 2nd July 2019 - 29th July 2019 - Assembled and programmed tablets.

Managerial Trainee | Mumias Sugar Company

3rd July 2017 - September 29th 2017 | Mumias

- Tested soils (nutrient analysis) to determine the nutrients available for quality sugarcane growth .
- Learned and participated in the processing of sugar.

EDUCATION

2024| Udemy| The Complete Spring Boot Development Bootcamp.

- REST API
- OpenAPI Documentation
- Testing
- Spring Data JPA(SQL)
- Spring Security(JWT)

2024| Udemy| The Complete Java Development Bootcamp.

2023| Udemy| The Complete JavaScript Course 2023.

2022-2023| Moringa School| Software Engineering(Full-stack)

2015-2019| Jomo Kenyatta University of Agriculture and Technology | Bachelor of Science in Agribusiness Economics and Food Industry Management.

2011-2014| Booker Academy | Kenya Certificate of Secondary Education.

- B+ (71) points