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Samuel Macharia

Software Engineer

[LinkedIn Profile](#)

[GitHub Profile](#)

[Portfolio](#)

WORK EXPERIENCE

Social(Formerly Script Foundation) – Open-Source Developer Intern

- **Implemented** responsive design and accessibility features to contribute to top open-source front-end projects.
- Used the most recent front-end technologies while collaborating closely to deliver creative solutions.
- **Worked** together to solve bugs, evaluate code to continuously improve the user experience.

PROJECT UNDERTAKEN

Hulu Movies App

[Source Code](#)

[Live Demo](#)

- **Developed** a Hulu Clone to address the lack of accessible platforms for streaming movies.
- Enhanced user experience by providing a seamless, responsive, and visually appealing interface.
- Utilized **React** for the frontend, **Material UI** for design, **TMdb API** for movie data, **Axios** for HTTP requests, and **Firebase** for backend services.

LUXURY SALON WEB APP

[Source Code](#)

[Live Demo](#)

- **Developed** a web application to address the problem of customer queues at the salon by providing a convenient appointment booking system.
- **Reduced** customer waiting time by 50% through the efficient appointment booking system.
- **Streamlined** salon operations by automating the appointment scheduling process, reducing administrative overhead.
- Technologies : **Node js, Express js, MongoDB, Passport Authentication**

EDUCATION

University of Eastern Africa, Baraton

(Sep'19 – Present)

Bachelor of Science in Software Engineering

- Spoke about “UI/UX Trends in Android Development” at **Droidcon Uganda**.
- Collaborated with a team of 10 to organize 20+ workstudy groups for the 1<sup>st</sup> Google Developer Student Club(GDSC) chapter impacting 200+ students on Google technologies as the **GDSC Lead**.
- Organized workshops advocating for API literacy as the first **Postman Student Leader**.
- **Volunteered** as a Technical Speaker guide at **AWS User Group Kenya** during the AWS Community Day inaugural event.
- As a **Microsoft Learn Student Ambassador**, I orchestrated impactful tech events, fostering a thriving learning community and promoting **Microsoft’s** educational resources to inspire and empower students.
- Led my campus in the **Tech4Good project** in the **Huawei Seeds for the Future Program 2022** in a team of 60 students selected countrywide.
- Certified developer through the prestigious **Google Africa Developer Scholarship** program.

(Apr'23 - Present)

(Oct'22 – Nov'22)

(Nov'21 – May'22)

Othaya Boys High School

2015 - 2018

- **Mentored** a team of 45 Computer Studies candidates for their national exam (KCSE).
- Managed a group of 350 students as the **Computer Laboratory Secretary**.
- Achieved consecutive top positions in the **South Tetu annual national technical contest** for computer studies, securing **2nd place** in 2017 and attaining the **1st position** in 2018.

(Feb'19 – July'19)

(Jan'17 – Nov'18)

SKILLS

**Programming Languages :** Javascript | Python | Java | Typescript | Node.js (Backend) | Ruby | React | Express.js  
**Databases :** PostgreSQL | Oracle | MySQL | MongoDB | Firebase  
**Technologies :** Git | Github | AJAX | SASS | AWS | Postman | Unix | Command Line | Machine Learning

INTERESTS

UX Design | Open Source Contribution | Travelling | Chess | Cue sports | Draught | Soccer

ATTACHED ARE COPIES OF MY CERTIFICATES





