+254 741 279 049

samuelmu@ueab.ac.ke

Samuel Macharia
Frontend Software Engineer

LinkedIn Profile
GitHub Profile
Portfolio

WORK EXPERIENCE

Writershub – Technical Writer   (Sep'21 – Present)

- Led a team of 5 writers in four week sprints.
- **Completed** a workload of 400 pages in a team of 3 members on a monthly basis meeting documentation release dates.
- **Increased** the company's revenue by 20% due to no harsh issues such as refunds due to team accountability.
- **Maintained** the customer satisfaction rate at 100% with positive reviews meeting client deliverables.

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

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 appoint booking system.
- **Reduced** customer waiting time by 50% through the efficient appointment booking system.
- **Increased** customer satisfaction by providing a user-friendly and hassle-free booking experience.
- **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

- Organized workshops advocating for API literacy as the first **Postman Student Leader.**   (Apr'23 - Present 2023
- Leveraged my social media presence (Twitter, LinkedIn, WhatsApp) effectively bringing onboard over 70 students into the **Girlscript Summer of Code'23** as a **Campus Ambassador**.
- Led my campus in the **Tech4Good project** in the **Huawei Seeds for the Future Program 2022** in a team of 60 students selected countrywide.   (Oct'22 – Nov'22)
- Certified developer through the prestigious **Google Africa Developer Scholarship** program.   (Nov'21 – May'22)

Othaya Boys High School   2015 - 2018

- **Mentored** a team of 45 Computer Studies candidates for their national exam (KCSE).   (Feb'19 – July'19
- Managed a group of 350 students as the **Computer Laboratory Secretary**.   (Jan'17 – Nov'18)
- 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.

SKILLS

Programming Languages :	HTML5	CSS3 |Javascript |Typescript	Node.js |jQuery	C++
Frameworks :	React	Express.js
Databases :	PostgreSQL	Oracle	MySQL	MongoDB	Firebase
Technologies :	Git	Github |AJAX	SASS |AWS	Apache |Postman
Relevant Coursework :	Data Structures and Algorithms	OOPS	Operating System (Windows, Linux)
Languages :	English |Swahili |Spanish

INTERESTS

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

ATTACHED ARE COPIES OF MY CERTIFICATES

Certificate 1 — Othaya Boys High School (Certificate of Recognition)

OTHAYA BOYS HIGH SCHOOL
P.O. Box 64-10106, OTHAYA

CERTIFICATE OF RECOGNITION

This Certificate is presented to

SAMUEL MACHARIA   Adm No: 7141   Form 4⁰

for his Exemplary Leadership and Management Skills for
being a COMPUTER LAB SECRETARY of the school in 2018.

We Congratulate you, for this sterling Performance.
May you Continue with the same spirit.

Signed _____   Chairperson B.O.M.   Signed _____   Principal/Secretary B.O.M.

Motto: "Strive to Excel"

Certificate 2 — Othaya Boys High School (Certificate of Achievement)

OTHAYA BOYS HIGH SCHOOL

CERTIFICATE OF ACHIEVEMENT
Presented to

NAME: Muchiri Samuel Macharia
FORM: 4
SCHOOL: Othaya Boys High School

For achieving position One in
Computer contest on 11 MARCH 2018

H.O.S COMPUTER _____   Date: 11/3/2018
PRINCIPAL _____   Date: 11/3/2018

11 MAR 2013

Sponsored By JOSPA

Certificate 3 — Othaya Boys High School (Certificate of Participation)

OTHAYA BOYS HIGH SCHOOL

CERTIFICATE OF PARTICIPATION

This is to certify that

NAME: Muchiri Samuel
OF: Othaya Boys   T.S.C No.: _____

Was awarded this certificate for presenting team of computer students
who exhibited excellent performance in Othaya Boys High school
computer studies contest held

ON 11th MARCH 2018

H.O.S COMPUTER _____   Date: 11/3/2018
PRINCIPAL _____   Date: 11/3/2018

11 MAR 2018

Sponsored By JOSPA

Certificate 4 — South Tetu Girls High (Certificate of Merit)

SOUTH TETU GIRLS HIGH
THIRD ANNUAL NATIONAL TECHNICAL SUBJECTS CONTEST

Certificate of Merit

Presented to: Muchiri Samuel Macharia
School: Othaya Boys High School
For attaining position One in Computer subject

During the Third Annual technical subjects contest
held on 18th March 2018

Mr. Joseph Kimata
H.O.D TECHNICAL

C. Maina
PRINCIPAL

BIC

Certificate 5 — South Tetu Girls' High School (Award Certificate)

SOUTH TETU GIRLS' HIGH SCHOOL
ANNUAL NATIONAL TECHNICALS CONTEST
P.O BOX 92, POST CODE 10103 MUKURWE-INI
Tel:020-2046283   Email: southtetugirls@gmail.com   www.southtetugirlshs.ac.ke/

This
Award
CERTIFICATE

IS TO CERTIFY THAT

NAME.......... MUCHIRI SAMUEL MACHARIA
OF.......... OTHAYA BOYS .... form 3
IN THE category OF COUNTY SCHOOLS
Attained position Two in Computer Studies in the technicals contest held
In South Tetu girls' high school, on the 12ᵀᴴ day of March in the year
two thousand And seventeen (2017).

HEAD OF DEPARTMENT
SIGNATURE..........
MR J.KIMATA

PRINCIPAL'S
SIGNATURE..........
MRS A.MATHENGE

Certificate 6 — Google Developers (Certificate of Course Completion)

Google Developers

Google Africa Developer Training Program
Certificate of Course Completion

SAMUEL MACHARIA

Is hereby awarded this certificate of Course Completion
having undertaken six months training in Mobile Web
Development offered through the Google Africa
Developer Scholarship Program.

John Kimani
Developer Scholarship Program Lead
Signing Authority
Google Developers

Mejolaoluwa Aderemi-mahinde
Head of Brand & Reputation, Sub-Saharan Africa
Signing Authority
Grow with Google

Date of Issue: 10 May 2022
Certificate ID: E9F6CF520C149A0

Certificate 7 — SoloLearn (HTML)

CERTIFICATE   SOLOLEARN

Issued 06 June, 2020

This is to certify that

Muchiri Samuel Macharia

has successfully completed the
HTML Fundamentals course

COURSE COMPLETED
HTML

Yeva Hyusyan
Chief Executive Officer

Certificate #1014-17721955

Certificate 8 — Meta / iEARN (Certificate of Attendance)

Certificate
of Attendance

This Certificate is presented to

Samuel Muchiri

For attending My Digital World virtual sessions,
a Meta Digital Literacy program on News and Media Literacy.

Thank You

Beldine Atieno
Program Coordinator

David Muya
Executive Director

∞ Meta   iEARN

Certificate 9 — SoloLearn (CSS)

CERTIFICATE   SOLOLEARN

Issued 12 June, 2020

This is to certify that

Muchiri Samuel Macharia

has successfully completed the
CSS course

COURSE COMPLETED
CSS

Yeva Hyusyan
Chief Executive Officer

Certificate #1023-17721955

Certificate 10 — Jobberman (Certificate of Achievement)

CERTIFICATE
OF ACHIEVEMENT

Young Africa Works   Jobberman
mastercard foundation

This is to certify that

Samuel Macharia

has successfully completed and passed the

Jobberman Accelerated Soft Skills Training

Chief Executive Officer,
Jobberman Nigeria

Issued On: 2022-09-03

Certificate ID: nydfklxhfh

CERTIFICATE

This is to certify that

Samuel Macharia
has successfully completed the
C++ course

COURSE COMPLETED
C++

Yeva Hyusyan
Chief Executive Officer

Certificate #1051-20369005

CERTIFICATE

This is to certify that

Muchiri Samuel Macharia

has successfully completed the
C Tutorial course

COURSE COMPLETED
C

Yeva Hyusyan
Chief Executive Officer

Certificate #1089-17721955

CERTIFICATE

This is to certify that

Muchiri Samuel Macharia

has successfully completed the
React + Redux course

COURSE COMPLETED
React + Redux

OTHAYA BOYS HIGH SCHOOL

P.O. BOX 64, OTHAYA

Certificate of Achievement

This is to certify that:

NAME **Muchiri Samuel Macharia** CLASS **4O** Adm **7141** Family No. **22**

Has successfully undertaken *peer counselling training* in the following fields:-

- Skills of Counselling
- Counselling Process
- Challenges facing peer members
- Conflict – Resolution approach
- Interpersonal relationship

Issued this day ..... **Monday 15th January 2018** .....

J.M. Kabucho Pho
FACILITATOR

PRINCIPAL

H.O.D COUNSELLING

CERTIFICATE OF COMPLETION

HUAWEI   Seeds Future

Presented to

Muchiri Samuel Macharia

For successfully completing the
Huawei Seeds for the Future program 2022

The program included 15 hours of instruction and mentorship from top industry experts on cutting-edge technologies including 5G, AI, Cloud Computing and Digital Power. Participants also received the opportunity to participate in the Global Tech4Good competition through which they honed their skills in leadership, problem solving, and social entrepreneurship.

2022/11/14
Date

Jeff Wang
President
Public Affairs and Communications Dept