

# JOHN FRANCIS OSANO

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## SUMMARY

### Passionate Web Developer / UI/UX Designer

A passionate and visual-oriented Full Stack Developer and UI/UX designer with 4+ years of experience creating and optimizing modern web solutions. Specialties include: - Full-Stack Development, User Interface and User Experience Design, Visual Design, E-commerce Development, Prototyping and Wire-framing in Figma, Search Engine Optimization (SEO), Web Security, API Integration, Front-End Frameworks (React), Back-End Frameworks (Node.js, Django), Database Design and Management and Version Control (Git). In addition, I am equipped with advanced expertise in Artificial Intelligence, including: - LLMs (Large Language Models), Neural Networks, Machine Learning, and Game AI Development

## EDUCATION

### St. Mary's Mixed Primary School

*Kenya Certificate of Primary Education*

Bomet, KE

Dec. 2015

### Chavakali High School

*Kenya Certificate of Secondary Education*

Vihiga, KE

Dec. 2019

### Kenyatta University

*Bachelor of Commerce (Marketing Major)*

Nairobi, Kenya

Aug. 2020 – May 2024

### Harvard University

*Computer Science for Web Programming*

Harvard, edX

Apr. 2020 – Aug 2021

### Harvard University

*Computer Science for Artificial Intelligence*

Harvard, edX

May. 2023 – Jul. 2024

## EXPERIENCE

### Web Developer, UI/UX

Apr. 2022 – Aug 2022

*Tripplesee Ltd*

Nairobi, Kenya

- Led the design and development of Tripplesee's inaugural website, Tripplesee is a startup focused on renewable energy solutions
- Implemented modern design principles and smooth animations for an enhanced user experience, ensuring optimal website performance.
- Enhanced SEO for a No. 2 Google ranking, amplifying online visibility
- I also worked on maintaining, monitoring, QA testing, and debugging of Tripplesee's website.

## PROJECTS

### Dev Portfolio | Vite, GSAP, HTML, Git, Figma, Js

June 2023 – Present

- Developed a web application using Vite hosted on GitHub with JavaScript as the front-end
- Designed the user interface on Figma before converting the design into code
- Using modern animation library, GSAP, I implemented smooth animations and transitions for a better user experience
- Optimized Performance and SEO of my Portfolio. The site has an A grade in both structure and Performance on GT Metrix.

### UrbanKikapu E-commerce Platform | Next, Tailwind, Prisma, PostgreSQL, Cloudinary, Stripe

Nov 2024 – Aug 2025

- Developed a full-featured electronics e-commerce platform targeting Nairobi and Kenyan buyers, featuring modern UI/UX, mobile responsiveness, and optimized performance.
- Implemented advanced product filtering, dynamic collection pages, blog content, and secure user authentication with file upload support for product manuals (PDF).
- Integrated Cloudinary for media management and Stripe / Paystack for payment processing.
- Achieved SEO optimization with dynamic meta tags, Open Graph support, and improved Core Web Vitals.

**BioAfri Solns Organization Platform** | *Next.js, Tailwind CSS, Prisma, Paystack, Figma*

Sept 2025 – Present

- Developed and designed a modern organization website for BioAfri Solns — a sustainability-focused company specializing in waste-to-energy and odor-control biotechnology solutions.
- Generated realistic AI visuals for product marketing using Leonardo AI, designed engaging social media posters, and created interesting blogs to keep site content fresh.
- Crafted compelling content and metadata for improved SEO visibility, while maintaining consistent design across the site's visual ecosystem.

**TECHNICAL SKILLS**

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**Languages:** JavaScript, Python, C/C++, SQL, PostgreSQL, HTML, CSS, Typescript, JSX**Frameworks:** Next, React, Django, Flask, Node Js, Express, Shopify, Material-UI**Developer Tools:** Git, Docker, VS Code, Copilot, Figma, Canva**Libraries:** Next, shadcn, Vite, React, Tailwind, GSAP, Framer Motion, Node Js

# THE KENYA NATIONAL EXAMINATIONS COUNCIL

EXAMINATION FOR THE KENYA CERTIFICATE OF PRIMARY EDUCATION

RESULT SLIP



KNEC



K.C.P.E

25551305 ST MARY'S DAY MIXED  
25551305012 JOHN FRANCIS

\*M\* 2015

SUBJECT	MARK	GRADE
ENGLISH LANGUAGE	80	A (PLAIN)
KISWAHILI	83	A (PLAIN)
MATHEMATICS	76	A- (MINUS)
SCIENCE	81	A (PLAIN)
SOCIAL STUDIES AND RELIGIOUS EDUCATION	84	A (PLAIN)

TOTAL

404

DATE : 160104

\*=====\*



Head Teacher's Signature

This result slip is not a certificate. The Kenya National Examinations Council reserves the right to correct the information given on result slips which will be confirmed by the issue of certificates.

K.C.P.E 16046181525

# The Kenya National Examinations Council



## KENYA CERTIFICATE OF SECONDARY EDUCATION

This is to certify that the candidate named below sat for the Kenya Certificate of Secondary Education examination in the subjects shown and attained the grades indicated.



NAME: JOHN FRANCIS  
CHAVAKALI HIGH SCHOOL

SUBJECT  
101 ENGLISH  
102 KISWAHILI  
121 MATHEMATICS  
231 BIOLOGY  
232 PHYSICS  
233 CHEMISTRY  
311 HISTORY AND GOVERNMENT  
313 CHRISTIAN RELIGIOUS EDUCATION

MARKS OBTAINED: 38600006/221

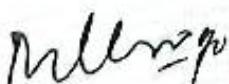
GRADE  
A- (MINUS)  
B (PLAIN)  
B- (MINUS)  
B (PLAIN)  
B (PLUS)  
B+ (MINUS)  
B (PLAIN)  
B (PLUS)  
B+ (MINUS)

SUBJECTS NAMED EIGHT - MEAN GRADE B+ (PLUS)

EXAMINATIONS OF YEAR 2019

PRINTED: 200529:164320



  
Chief Executive Officer  
Kenya National Examinations Council



  
Chairman  
Kenya National Examinations Council

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embedded thread can be seen through the paper.  
Not valid without a hologram.

(See overleaf for conditions of issue)

KCSE / 19 4349165



# Verified Certificate



David J. Malan

Gordon McKay Professor

of the Practice of Computer Science

Harvard University

This is to certify that

**John Francis**

successfully completed and received a passing grade in

**CS50x: CS50's Introduction to Computer Science**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate  
Issued January 12, 2021

Valid Certificate ID  
[f2b836da46574f27815560d09ec80416](#)

# Professional Certificate



David J. Malan

Gordon McKay Professor of the Practice of Computer

Science

Harvard University

This is to certify that

**John Francis**

successfully completed all courses and received passing grades for a Professional Certificate in

**Computer Science for Web Programming**

a program offered by HarvardX, in collaboration with edX.



PROFESSIONAL CERTIFICATE  
Issued December 2021

VALID CERTIFICATE ID  
[77a6a4ad9c1e46e8ae2d9225788b91eb](#)

# **Professional Certificate**

**HarvardX**

This is to certify that

**John Francis**

successfully completed all courses and received  
passing grades for a Professional Certificate in

**Computer Science for Artificial  
Intelligence**

a program offered by HarvardX, in collaboration with  
edX.



David J. Malan  
Gordon McKay Professor of the Practice of Computer Science  
Harvard University



PROFESSIONAL CERTIFICATE     VALID CERTIFICATE ID  
Issued July 2024     e49fce8ecf24d0ea5c00a12890d4b4f