

## CURRICULUM VITAE

### CONTACT INFORMATION

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### PROFESSIONAL SUMMARY

I am dedicated and passionate on my specializing in Mathematics and Computer Studies with Information, Communication and Technology comprehensive experience in teaching and hands-on practice in both subjects and ict field. Proven ability to create a stimulating learning environment for students and to deliver educational content effectively. Proficient in Python and PhP for programming skills and website development. Currently pursuing a Bachelor of Education in ICT at the University of Nairobi, demonstrating a commitment to integrating technology into education. Possessing a solid understanding of mathematical principles and computer science concepts, coupled with teaching practice experience at Masinga Boys, aimed at fostering a stimulating and engaging learning environment for students. Eager to contribute to a school that values academic excellence and innovative teaching methods.

### ACADEMIC QUALIFICATIONS/EDUCATION BACKGROUND

Bachelor of Education in Information Communication and Technology

The University of Nairobi, Nairobi Kenya

September 2021 - Present

Relevant coursework: Calculus, Linear Algebra, Discrete Mathematics, Programming Methodology, Data Structures and Algorithms, Digital Electronics, Database Management Systems, Educational Administration, Psychology of Human Development, ICT and Society, Educational Planning, Theory of computation.

Software Engineering Certificate (Scholarship)

Power Learn Project Academy

February 2025 - Present

Skills Acquiring in Python as a programming Language, Project Management, web development technologies, database, pitch desk.

Kenya Certificate of Secondary Education (KCSE)

St. John's Iiani High School

I obtained B- (minus) of Aggregates of 55.

January 2017 - April 2021

Kenya Certificate of Primary Education (KCPE)

Misuuni Primary School

I scored a total marks of 283 out of 500

## WORK AND EXPERIENCE

### Teaching Experience

I personally confident done my Teaching Practice at Masinga Boys where I taught Mathematics and Computer Studies from 29 April 2024 to 2 August 2024

I experienced Responsibilities on engaging lessons in Mathematics and Computer Studies. I also assisted students with understanding complex concepts and solving problems of real word solutions. I later developed and implemented lesson plans, schemes of work and assessments. Maintained a positive and disciplined classroom environment conducive to learning and taught senior students(form 3 and 4) remedials and appointed lessons.

I also Collaborated with experienced teachers to develop and implement effective teaching strategies that utilized educational software and online resources through enhancing instruction and Increased student participation in class discussions.

### Technical Skills

Project Management, I assisted form fours on their final project development and implementation. Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)

I have also experienced with educational software, hardware and platforms such as Google Classroom, Webcam, zoom, Googlemeet, e-learning and Basic troubleshooting of computer hardware and software. My ability to build rapport with students and colleagues for Problem-

Solving, Time Management and Organization of class lessons.

#### Subject Matter Expertise:

Am good at Mathematics in related field of Algebra, Geometry, Calculus, Statistics, Trigonometry, ordinary differential equation. In addition to Computer Studies, includes relevant field of Programming (Python, php,) and Web Development technologies such as HTML, CSS, JavaScript, Database Management(My SQL), Data Structures and Algorithms.

#### Teaching Skills:

I have ability of the following skills Lesson Planning & Delivery, Classroom Management, Assessment & Evaluation, Curriculum Development and ICT Integration in Education

#### Project Management (Fourth Year Project)

I am developing a project management system for digital Fish sale system which is a point of sale system. Backend technologies Python and PHP. Frontend technologies hypertext markup language, Cascading style sheet, JavaScript html in order to enhance business and technology innovation through ICT skills.

#### Professional Development

I attended various educational workshops and seminars to stay updated with the latest teaching methodologies and technological advancements in education within our University.

#### Personal Attributes

I am good in communication and interpersonal skills in organizational and project management abilities to foster a positive learning environment and motivate students. This makes me feel proactive and innovative approach for teaching.

#### Hobbies

I like swimming, gaming, soccer and table tennis

#### Languages

I fluently speak English and Kiswahili

#### References

Available upon request.