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| **EMAIL** | kiptooweroh@gmail.com |
| **Date Of Birth:** | 05/01/2004 |
| **ID No** | 25513370 |
| **SEX** | MALE |
| **MARITAL STATUS** | SINGLE |
| **RELIGION** | CHRISTIAN |
| **PHONE/TELEPHONE No** | (+254) 791006276 |
| **NATIONALITY** | KENYAN |
| **LANGUAGE** | ENGLISH, SWAHILI AND KALENJIN |

**CURRICULUM VITAE**

**A. PERSONAL DETAILS**

**NAME**  JAPHET KIPTOO SIGEI

# B. EDUCATIONAL QUALIFICATION

2013-Date Kibabii University for Masters of Science in Information

Technology (Weekend Classes)

2007-2011 Masinde Muliro University of Science and Technology for Bachelor’s Degree in Computer Science (Software Engineering Option).

2007 World Wide Information Technology College for

certification in computer packages and attained a

Distinction.

2002-2005 8:4:4 system of education in Kipsangui High for KCSE and attained mean grade of A- (A minus).

1993-2001 8:4:4 system of education in Kamagut Primary School for

KCPE and got 50 points out of 60 points.

# C. COMPUTING SKILLS

## SOFTWARE

* Web design technology (HTML, PHP, CSS, XML, JavaScript, ASP)
* Database management system and administration (Access, MySQL, SQL and Oracle)
* Programming in: -
  + Java platforms (Java and java ME),
  + Windows platforms (C, C++, Visual C++, C#, VB 6.0, VB.Net)
  + Linux (C and C++)
  + Database Programming (PL/SQL)
  + Python  Operating System
  + Window (DOS, Windows 98, Windows XP, Windows 2000, Windows 7, Windows 8).
  + Linux (Ubuntu Linux, Solaris, Fedora, Debian, Linux Mint, RedHat OS)  Data analysis techniques  SPSS
  + MATLAB
  + MS Excel
* Software development skills
  + Mobile Application Programming using J2ME
  + Data analysis
  + Measuring Software cost.
  + Design
  + Coding
  + Software Testing and Validation
  + Software Implementation

## HARDWARE

* Installation of hardware
* Repair and maintenance practice
* Troubleshooting of hardware failure
* Upgrading of hardware to suite the new technology

## NETWORKING

* Installation of network components
* Cabling and laying of cables
* IP addressing (version 4 and 6)
* Firewall setup
* Troubleshooting a network failure
* Network design

## D. OFF-SHELF APPLICATION

General packages: Office suite (Ms Word, Ms excel, Ms PowerPoint). Accounting packages: Training in Visual Basics, Ms excel.

Analysis packages Mat Lab, SPSS software, Ms Excel

# E. WORK EXPERIENCE

* 1 Year at Kibabii University as part time Technician and Instructor for IT Courses
* 1 Year and 2 Months of AMIS and MOODLE implementation and configuration at Masinde Muliro University of Science and Technology as Computer Technologists.
* 3 Months at Centro Systems Ltd as Software Developer and Implementer.
* 8 Months of FlexPack billing and Customer care system implementation at Eldoret Water and Sanitation Company.
* 4 months of Internship at G7 Systems Kenya LTD based at Kakamega.
* Eight week industrial training offered by the university that was aimed at equipping students with industrial skills.
* Computer networking techniques and Firewall installation and configuration at Kenya National Bureau of Statistics as an employee of Centro Systems Ltd.
* Database management system at G7 Systems Kenya LTD during attachment.
* Software Development skills during development of School Information System and Other systems as listed in the Projects undertaken.
* Repair and maintenance operations during industrial training at Masinde Muliro University of Science and technology.
* Taught computer packages in Hypertech Institute of Information and Technology.
* Worked as a clerk to the IIEC in 2010 referendum.

## F. SKILLS SUMMARY

* Designing cost control systems.
* Improving Accounting and Internal Control Systems.
* Interpersonal and Communication Skills.
* Negotiating skills.
* Technical proposal writing skills
* Monitoring and evaluation skills

## G. PERSONAL ATTRIBUTES

* Task oriented
* Eager to Learn
* Diligent and self-motivated.
* Action and result oriented.

## H. PROJECTS UNDERTAKEN

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| --- | --- |
| 2014 | Developing UMM-VLS that help Institutions and Organizations to measure their usability maturity level in the use of virtual learning systems. The system is currently in use (www.kelvinomieno.com). The link is found at the main menu of the site homepage. |
| 2014 | Developing Sustainable E-Waste Assessment Tool (SEAT) that help Institutions to check their performance on E-waste Management and make necessary decisions to improve E-Waste management. The system is current in use [(www.sustainableict4africa.org](http://www.sustainableict4africa.org/)). The link is found at the right most part of the site homepage. |
| 2013 | Developing Online Lost and Found Information System that help people to recover lost items. The system is current in use ([www.lostnfound.co.ke)](http://www.lostnfound.co.ke/). |
| 2012/2013 | Developing MMUST Clinic Information Management System. The system aims at keeping record health records of students, staff and their dependants, keeping track of patient treatment details as well as drug and equipment stock and state. |
| 2011/2012 | Development of School Information Management System that is aimed at managing all activities of the School which include Examination, Finance and Daily activities. |
| 2010/2011 | Organizing a Seminar to Empower teachers from both Primary and Secondary schools with Information and Communication Technology (ICT) skills that help them in teaching profession. The seminar is organized in conjunction with HyperTech Institute of Information and Technology. |
| 2010/2011 | Developing Association of Computing Machinery (ACM) magharibi chapter website that provides information to computing professionals not only in western Kenya but all over the world. |
| 2010/2011 | Developed MMUST Programs Information System (MPIS) that help high school students to make sound choice of program they wish to pursue in the university including helping them to calculate Weighted Cluster Points (WCP) automatically and provide quick response after selection is done through Short Messaging Service (SMS). |
| 2010/2011 | Provided Technical Support that led to development of Chepkoilel University College Online Past Paper Management System (COPPMS) that tries to provide past paper solutions to Chepkoilel Fraternity. |
| 2009/2010 | Developed MMUST Online Suggestion Monitoring System (MOSMS) to help Masinde Muliro University of Science and Technology (MMUST) fraternity in matters related with suggestions and handling of the suggestion. |

# I. EMPLOYMENT TO DATE

2014-Date Kibabii University as part time Technician and Instructor for IT courses.

2012-2014 Academic Management Information System (AMIS) and MOODLE

implementation and configuration at Masinde Muliro University of Science and Technology as Computer Technologists.

2011-2012 Eldoret Water and Sanitation Company Limited (ELDOWAS) as part of Software Implementation Team.

2011 Hypertech Institute of Information and Technology as a tutor.

2007 Dec Electoral Commission of Kenya (ECK) as a pooling clerk.

2007 April Electoral Commission of Kenya (ECK) as a registration clerk in Kamagut

registration station.

2006-2007 Kamagut Primary School as a Math’s, English and Science Teacher.

2005-2006 Manager of Sunshine Enterprise in Kapsabet.

# J. HOBBIES/INTEREST

* Solving real life problems  Designing software.
* Coding
* Writing poems.
* Reading Novels, plays, poems and adventure stories.
* Solving problems involving calculations
* Playing Volleyball and Lawn Tennis

# K. REFEREES

Mr. A.P. Ikoha Mr. Samuel Karume.

COD, Department of Computer Science, Director ICT Directorate,

Kibabii University College, Masinde Muliro University,

P.O Box 1699– 50200 Bungoma P.O Box 190-50100 Kakamega

Cell: 0724-874-728 Cell: 0722-499-397

Email: anselp2004@yahoo.com Email: skarume@mmust.ac.ke

Mr. Juma Kilwake. Mr. Joshua Okemwa

Senior Lecturer Assistant Lecturer,

Masinde Muliro University, Kisii University,

P.O Box 190Cell: 0724-416-50100-989 Kakamega P.O Box 90Cell: 0721-246-50100-397 Kakamega

Email: kiptooweroh @gmail.com Email: kiptooweroh@gmail.com

# L. PERSONAL ASSESSMENT

Given a chance and working with dynamic team, I am absolutely sure that I can make a significant contribution while developing my skills yet further.

# M. CERTIFICATION

I certify that the information above is true to the best of my knowledge.