



OMARI ERICK
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TECHNICAL SKILLS

PROGRAMMING

Java EE, Java SE, C
J2ME, Android, J2SE
PHP, Javascript, CSS
Jquery, ASP.Net, Ajax,
C++

WEB FRAMEWORKS

Codeigniter,
Zend

CMS

Joomla, Drupal

DATABASES

Mssql, Mysql, Oracle,
Access, Java DB Apache
derby

MICROSOFT OFFICE

Access, Powerpoint, Excel, Word

NETWORK

Network configuration and
setup, Linux OS, Network
Security,
General Computer
troubleshooting and repair

EXPERIENCE AREAS

- | | | |
|---|--|---|
| <ul style="list-style-type: none">• Software development• Problem Solving• Project Management• Technical Support | <ul style="list-style-type: none">• Programming• Product testing• Hardware Installation• Database Development | <ul style="list-style-type: none">• Database administration and management• Sage accpac support• ERP administration and support |
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EDUCATION

- BsC (Hons) in Computer Science, achieved second class honors (Upper Division), University of Nairobi (2008-2012).
- K.C.S.E, achieved mean grade (A plain), Lenana School, Nairobi (2003-2006)
- K.C.P.E, achieved 419/500 marks, Kipyao Primary School (1995-2002)

WORK EXPERIENCE/SUMMARY

ICT OFFICER I (DEC 2012 –CURRENT), TECHNICAL UNIVERSITY OF MOMBASA

- Supported wide variety of ERP systems i.e Registrar student management information system and Sage accpac accounting software.
- University website development and maintenance
- Content generation and publishing on University website.
- Computer networks troubleshooting and maintenance

CONTRACT SOFTWARE AND DATABASE DEVELOPER (JULY 2012 – DEC 2012), ANJUMAN BURHANI, MOMBASA

- Software development.
- Network maintenance, server administration.
- General computer repair and troubleshooting.

SOFTWARE DEVELOPER (JUNE 2012), AFRICASTALKING LIMITED, NAIROBI

- Software developer for the maiden SMS applications <http://www.smsleopard.com>

PART-TIME SOFTWARE AND DATABASE DEVELOPER(AUG 2011 - APRIL 2012) , WISE SOLUTIONS,NAIROBI

- Custom design of web applications and Mobile applications using Best available industry standard.

NOKIA,UNIVERSITY OF NAIROBI AND STANFORD UNIVERSITY RESEARCH PROJECT(APRIL 2010 –AUGUST 2010)

- A joint project between Nokia, Stanford and University of Nairobi.
- Roles involved included requirement gathering, analysis and later development of a prototype which mainly focused on how technology can be used to improve living standards of urban low income communities (LIUC).
- The area of study was Kibera Slums, Nairobi.

NOKIA,UNIVERSITY OF NAIROBI AND STANFORD UNIVERSITY RESEARCH PROJECT(APRIL 2011–AUGUST 2011)

- The project involved design thinking training in collaboration with Stanford University. After the seminar I went to the field and collected information by interviewing various people.
- The study focused on communities living in urban informal settlements and how technology can be used to improve their living standards.
- This project was done in collaboration with Umande Trust, a non-governmental organization based in Kibera.

PHYSICS AND MATHS TEACHER (2007-2008), SIRONGA GIRLS HIGH SCHOOL,NYAMIRA

- Taught mathematics and physics from form 1 to 4.
- Attended district SMASSE training for physics teachers.

PROJECTS ACCOMPLISHED**TECHNICAL UNIVERSITY OF MOMBASA WEBSITE**

This site can be viewed here <http://www.tum.ac.ke>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework ,MYSQL

ONLINE RECRUITMENT PORTAL FOR TECHNICAL UNIVERSITY OF MOMBASA.

This is an online leave application and processing systems aimed at automating manual university processes. The system has an SMS gateway for leave notifications. This site can be viewed here <http://www.tum.ac.ke/recruitment/>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework
- Mysql

WEBSITE FOR COMMONWEALTH ASSOCIATION OF POLYTECHNICS IN AFRICA(CAPA)

This is a website designed for capa. It can be viewed here <http://www.capa-sec.org>

Technologies:

- Joomla
- Mysql

WEBSITE FOR TOURISM PROMOTION IN KENYA(BEAUTIFUL KENYA)

This can be viewed at <http://www.beautifulkenya.com>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework
- Mysql

JOURNAL PORTAL FOR COMMONWEALTH ASSOCIATION OF POLYTECHNICS IN AFRICA

This is a journal portal designed for capa. It can be viewed here <http://journals.capa-sec.org>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Mysql

MOBILE PREDICTION APP

This a mobile intelligent application used to predict whether a student needs intervention on her/his studies depending on the answers given to each question asked. It's a research tool which is being used by a research fellow at University of Cape town,SA for his Phd degree.

Technologies:

- Android Java, JSON, XML, PHP
- Mysql, Android Sqlite
- Python

LEAVE MANAGEMENT PORTAL FOR TECHNICAL UNIVERSITY OF MOMBASA

This site can be viewed here <http://www.tum.ac.ke/olmis/>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework
- Mysql

WEBSITE FOR JAFFERY ACADEMY,MOMBASA

This site can be viewed here <http://www.jafferyacademy.org/>

Technologies:.

- JOOMLA CMS
- MySQL

WEBSITE FOR ANJUMAN BURHANI MOMBASA

This site can be viewed <http://www.msajamaat.org/anjuman/>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework
- Mysql

ST MARYS HOSPITAL MEDICAL SYSTEM

This was part of the requirement for the award of the University of Nairobi diploma in computer science. The integrated medical system functions was to automate patient record keeping, doctors record, inventory and drugs records.

Technologies:

- Java J2SE
- Mysql

UNIVERSITY OF NAIROBI CAMPUS GUIDE

This is an android mobile application for the University of Nairobi. It does the following amongst other things: guiding the visitors and new students around campus, providing faculty and staff search directory, availing campus resources to users, Live streaming of facebook and twitter data from the university accounts ,Calendar application and intranet email access for students.

Technologies:

- Android Java, JSON, XML, PHP, JSOUP,
- Mysql, Android Sqlite

EXAMINATION AND FINANCIAL SYSTEM FOR NEW HAVEN ROBERT SCHOOL,KISII

The system manages student, parent information as well as financial data processing and printing receipts. Additional it does grading of students, assigning grades and printing report forms.

Technologies:

- Java J2SE
- Java Apache derby
- Mysql

DATING KENYA

This is an online dating site . This site can be viewed here

<http://www.dateskenya.com>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.,MSSQL

TECHNICAL UNIVERSITY OF MOMBASA INTERNATIONAL CONFERENCE 2016

This is a website for TUM international Conference 2016, All registrations are done on this website. This site can be viewed here <http://www.tuminternationalconference.org>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Mysql

SENT.CO.KE

This is sms management platform where users can organize contacts and send sms through web. Schools can also send report forms to parents through sms. Companies can send bills to subscribers through sms. This site can be viewed here <http://www.sent.co.ke>

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Zend
- Mysql

WEBSITE FOR SIRONGA GIRLS HIGH SCHOOL, NYAMIRA

A comprehensive and dynamic website for Sironga girls high school which can be accessed at <http://www.sirongagirls.com/>.
<http://www.sirongagirls.ac.ke>

Technologies:

- Joomla CMS
- Mysql

MOHAMMED QARDHAN HASSANA TRUST BANKING SYSTEM(MQHT)

This is a banking system for MQHT, it provides all services of a banking system i.e loan processing, account operations, trial balances, statements of accounts, loan issue and recovery, deposits e.t.c. It's a sensitive system and hence is hosted on local intranet and cannot be accessed online due to security reasons.

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework
- Mysql
- Java

ANJUMAN -E - BURHANI ESTATE MANAGEMENT SYSTEM

This is estate/property management with full accounting package. Can be accessed at www.msajamaat.org but require username and password to login. Can provide temporary login if requested.

Technologies:

- PHP, Javascript, CSS, Html, Ajax, JQuery.
- Codeigniter framework
- Mysql
- Java

LOVE SMS

This is a small android application for lovers. It has a backend database of romantic love messages which users can browser through a lovely looking interface. Messages can be send to loved ones from the app itself or users can choose to share throught twitter, gmail or facebook.

Technologies:

- Android Java, XML,
- Mysql,
- Android Sqlite

REFEREES

Dr Ezekiel Okemwa

Technical University of Mombasa
0722216054

Dr P.W Waiganjo.

Lecturer, University of Nairobi
0723488114.

Mr Bernard Gavuna.

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