OMARI ERICK
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Curriculum vitae

Personal Information:
Gender: Male
Date of Birth: 20/12/1989.
Marital status: Single

Objectives:
Seeking for an excellent and challenging position software development. I have a keen interest on apps aligned towards e-commerce and online marketing.

Computer skills /Programming languages:

1. **Programming /Scripting Languages**

 ➢ PHP ,CSS,HTML,
 ➢ Javascript,
 ➢ Jquery,
 ➢ Ajax,C++,C
 ➢ Java EE,J2SE,J2EE,J2ME
 ➢ Java for Android
 ➢ Asp.NET
 ➢

2. **Database Development Skills**

 ➢ Mysql
 ➢ Access
 ➢ Mssql
 ➢ Java DB Apache Derby
 ➢ Oracle

3. **Web frameworks**

 ➢ CodeIgniter
 ➢ Zend

4. **CMS**

 ➢ Joomla
 ➢ Drupal

5. **Additional Skills**

 ➢ Familiar with custom web design and administration

 ➢ Information Systems Audit

 ➢ Computer Networks and system security

 ➢ General Computer troubleshooting and repair

Previous work summary/Experience:

- **December 2012-Current: Software developer and Webmaster, Technical University of Mombasa**

    i. My role involves software development according to specifications.
    ii. University website development and maintenance
    iii. Content generation and publishing on University website.
    iv. Maintenance of existing Systems
    v. And Computer networks troubleshooting and maintenance

- **July 2012-Dec 2012 –Contract Software developer and system administrator ,Anjuman Burhani, Mombasa**

    i. My role involves software development, network maintenance, server administration and general computer repair and troubleshooting.
    ii.

- **Dec 2012: Chief Software developer, Anjuman Burhani Mombasa.**
My role involves software development, network maintenance, server administration and general computer repair and troubleshooting.

- **June 2012-Software developer and intern, Africastalking limited.**

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

- **August 2011-April 2012: Part time software developer, Wise solutions systems.**
As a software developer, my work involved custom design of web applications and Mobile applications. I have gained experience developing web Applications using Best available industry standard.

- **April 2010-August 2010: Nokia-Stanford-UoN Project.**
A joint project between Nokia, Stanford and University of Nairobi. Roles involved in include 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.

- **April 2011 –August 2011: Nokia –Stanford –UoN Project 2.**
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.

- **2007-2008: Physics /Mathematics teacher – Sironga girls high school.**
During this period I thought mathematics and physics from form 1 to 4. Additional I attended district SMASSE training for physics teachers.

Projects accomplished:

➢ **Website for Technical University of Mombasa**

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

1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Codeigniter framework
3) 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:

1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Codeigniter framework
3) Mysql

➢ **Website site 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:

1) Joomla
3) Mysql

➢ **Website for Promoting Tourism in Kenya(beautiful kenya)**
This can be viewed at http://www.beautifulkenya.com
Technologies:

1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Codeigniter framework
3) Mysql

➢ **Journal portal Commonwealth Association of polytechnics in Africa (CAPA)**
This is a journal portal designed for capa. It can be viewed here http://journals.capa-sec.org
 Technologies:

 1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Codeigniter framework
3) Mysql

➢ **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:
1) Android Java, JSON, XML, PHP ,
2) Mysql, Android Sqlite
3) Python

➢ **Leave management system for Technical University of Mombasa**

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

1. PHP, Javascript, CSS, Html, Ajax, Jquery.
2. Codeigniter framework
3. Mysql

➢ **Website for Jaffery Academy Mombasa**

This site can be viewed here http://www.jafferyacademy.org/
Technologies:
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1. JOOMLA CMS
2. Mysql

➢ **Website for Anjuman Burhani Mombasa**

This site can be viewed http://www.msajamaat.org/anjuman/
Technologies:
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1. PHP, Javascript, CSS, Html, Ajax, Jquery.
2. 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:
1) Java J2SE
2) Mysql

➢ **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:
4) Android Java, JSON, XML, PHP, JSOUP,
5) Mysql, Android Sqlite

➢ **Examination and financial system for New Haven Robert School.**
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:
1) Java J2SE
2) Java Apache derby
3) Mysql

➢ **Dating kenya**
This is an online dating site .
This site can be viewed here http://www.dateskenya.com

Technologies:
1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Mssql

➢ **Technical University of Mombasa International Conference 2016 Portal**
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:
3) PHP, Javascript, CSS, Html, Ajax, Jquery.
4) Mssql

➢ **Sent.co.ke**
This is sms management platform where users can organize contacts and send sms through web.Schools can also send reportforms to parents through sms. Companies can send ebills to subscribers through sms. This site can be viewed here http://www.sent.co.ke

Technologies:
1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Zend
3) 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:
1) Joomla CMS
2) Mysql

➢ **Mohammedi Qardhan hassana Trust Banking system (MQHT).**
This is a banking system for MQHT ,it provides all sevices of a banking system i.e loan processing, account operations, trial balances, statements of accounts, loan issue and recovery, deposits e.t.c .Its a sensitive system and hence is hosted on local intranet and cannot be accessed online due to security reasons.
Technologies:
1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Codeigniter framework
3) Mysql
4) 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:
1) PHP, Javascript, CSS, Html, Ajax, Jquery.
2) Codeigniter framework
3) Mysql
4) 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:

1) Android Java, XML,
2) Mysql, Android Sqlite

➢ **Other Activities:**

i. Member of Mozilla Firefox Personas review team since 2009

Education :

➢ **2008-April 2012 : University of Nairobi.**

Bachelor of science degree in computer science- 2nd Class Honors, Upper Division

➢ **2008-2010 : University of Nairobi.**

Diploma in computer science.

➢ **2003-2006 : Lenana School.**

K.C.S.E Certificate – Mean grade A (plain).

➢ **1995-2002 : Kipyaor Primary School.**

K.C.P.E Certificate - Marks 419/500.

Referees:

Dr Ezekiel Okemwa	**Dr P.W Waiganjo.**	**Mrs. Mary Matini.**
Technical University of Mombasa	Lecturer, University of Nairobi	Former Principal, Sironga girls' high school.
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