Nzai Charles Amani

Software Developer

Expert software developer with wide variety profession experience looking forward to be associated with a dynamic and progressive organization that will allow me to utilize my abilities and qualifications in the field to add value to the organization

Email : Charlesamani4@gmail.com
Phone : +245 707 153 062/+245 783217266
Address : P.O BOX 609-80108 Kilifi-Kenya
Github : https://github.com/amanicharles
Linkedin: https://www.linkedin.com/in/nzaicharlesamani/

PERSONAL DETAILS

Date of birth	: 21st march, 1995
Nationality	: Kenyan
Marital status	: Single
Religion	: Christian
Languages	: English/Kiswahili
Gender	: Male

EXPERIENCES

Kenya National Bureau Of Statistics

7/2019-9/2019

Achievements

- Training Content Supervisors and ensuring that Enumerators are adequately trained
- Providing technical support on ICT issues to Content Supervisors and Enumerators in their area of supervision

Designer Datamart Solution

1/2018-4/2018

Achievements

- Web design and development
- MySQL database design and development
- Software installation
- Computer services and maintenance.
- Tech support.

Kibabii University industrial training and visit

5/2017-8/2017

Achievements

- Hardware trouble shooting and maintenance
- Software development
- Networking services
- Database management

TECHNICAL (IT) SKILLS

Tools

Eclipse, Netbeans, Microsoft Visual Studio, visual code, Adobe (Sketch, Photoshop, Illustrator, InDesign, AfterEffects),Microsoft SQL Server Management Studio, Navicat for MySQL, phpMyAdmin, PhpStorm, Sublime Tex, Atom, intellij idea, WebStorm, PyCharm, Android Studio, Zend Debugger, XDebug, Git, SPSS, Stata.

Computer Languages

C, C++, Java, kotlin, html, PHP, Sql, JavaScript, C#, VB.net, python, R.

Database Management

Database design and management, Data analysis, Data quality assessment, data visualization and pattern identification.

Research

Data science Research method, Data and Quantitative Analysis, Data Mining and Visualization Tools, Decision Analytics.

Hardware installation experience

Network cards, graphics cards, hard and floppy disc drives, Wi-Fi routers, printers and scanners.

Operating system expertise

Windows and Linux.

SOFT (IT) SKILLS

- Communication and interpersonal skill
- Attention to detail
- Analytical Skills
- Leadership skills
- Decision making, critical thinking, and deductive reasoning

PROJECTS

- **Automated exam papers marker.**
  9/2017-4/2018
  It is an application for automation of exam paper marking. In this process, a variety of features are extracted from the exam paper, such as word and sentence length and the structure of sentences, before the data is classified to provide a final Score. Developed using java.

- **Stock and sale trend management system.**
  1/2017-4/2017
  This is application which it's many focus is on Trends in both stock and sale to project the future and determine how we can execute the business to maximize the profit. Developed using java.

- **School fee management system.**
  5/2018-8/2018
  This project main focus is on school fee collection. Developed using C#

- **Hardware shop management system.**
  1/2016-4/2016
  This is a point of sale application developed to manage stock and sale for computer hardware equipment's. Developed using C#.

- **Kindergarten learning managements system.**
  3/2015-8/2015
  This system developed mainly for kids to learn basics where by the system guides them through the exercise and concepts it was desktop application both text and voice base developed using VB.net.

EDUCATION

Bachelor in Science in computer science
Kibabii University (Second Class Honors Upper Division)
2014-2018
Kenya Certificate of Secondary Education
Majaoni Secondary School (**KCSE B Plain**)
2009 – 2013
Kenya Certificate of Primary School
Korosho Primary School (**KCPE 298 Marks**)
2005-2008
Dignify Bytes.
(Kibabii University – Main Campus)
JUNE 2016

COMMUNITY SERVICE

- Red cross at Kibabii University

INTRESTS AND HOBBIES

- Robotics
- Artificial Intelligence
- Playing Football
- Travel and Exploration

REFEREES

1. Prof. Franklin Wabwoba (**Dean School of Computing & Informatics)**
   Kibabii University
   P.O. BOX 1699-50200
   BUNGOMA-KENYA
   CONTACT:- +245 723 844 904

2. Mike Njoka (Technical Manager)
   Designer Datamart Solution
   P.O. BOX 800-80100
   MOMBASA-KENYA
   CONTACT:- +245 717 979 550

3. Pastor Irura Muhoro
   Soul Harvest ministry
   Temple of praise kilifi
   P.O BOX 609-80108
   KILIFI – KENYA
   CONTACT: - +245 729 333 722