Alfred Ajanga Ahuta Resume

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OBJECTIVES

Customer oriented Software Engineer with experience in most facets of Relational Databases infrastructure and artificial intelligence smart technologies. Strong commitment to timely delivery of business systems and support applications. Constant focus on linking business strategies with technology solutions. Dependable, reliable worker; intend to contribute to future company's success through hard work and the contribution of innovative ideas.

CURENT OCCUPATION

Consultant – Drastically improve the food supply to fight hunger through innovative agriculture

HOBBY

Football

- Former football player with 7 years in the Kenya premier league with Nzoia Sugar, Re-union Fc and Kenya Pipeline FC.
- Currently a volunteer coach to 300 hundred under 13/15 talented boys from shamakhokho/Muhudu/Shiru wards in Hamisi Sub County. Secured full football high school scholarships to 5 boys in 2020. In the process of registering a football academy.
- Co-founder & Member Kenya National Football Coaches association –Vihiga Branch (KENFOCA)
- Co-founder and Member Kenya Former Footballers Association (KAFF)

EDUCATION

Vihiga High School

O' Level Certificate of Education

Strathmore College

Diploma: Information Management Systems

Certifications

- Certified Microsoft Solutions Developer (MSCD)

- Microsoft Certified Solutions Expert (MCSE)

- Certified Business Intelligence Professional (CBIP)

- Certified MCSA SQL Database administrator (MCSA)

- Certified Oracle T-SQL Database Associate (OCA)

- Certified IBM Specialist Statistics Package for the Social Sciences (SPSS)

- Linux Foundation Systems Administrator (LFCS)

- Certified Cloud Credential Council Internet of Things (IoT) Foundation.

- Qality Certification Services (QCS) Aquaponics Program

WORK EXPERIENCE

Lead Facilitator | County Staff Audit – Vihiga

2020 MAY – JULY 2020

- Lead facilitator Vihiga County Staff Audit.

- Responsible for questionnaire design, training data collection team. Supervising data collection

- Design of the data entry tool, supervising raw data electronic

filling

- Performed statistical analysis and interpretation of Vihiga county staff audit data

E-Learning|Smart device development| Hydroponics
2013 – 2017

- Integration of open source moodle elearning systems at Maseno University

- Integration of Video Conferencing application with Moodle elearning platform at Maseno University

- Designed and developed a smart egg counter for a farmer in Rongai, Kajiado County.

- Assisted three young farmers in Kiambu County setting up, training and management of a Hydroponics farm.

- Designed and exhibited a demo Hydroponics farm kit at a Vihiga youth summit in Vihiga County that was adjudged the best stand in the county.

Systems Analyst | Sustainable Harvesters – Houston Texas
2008 – 2012

- Part of software development team responsible for the design and development of Greenhouse climate control systems.

- Improved efficiency in reduced energy consumption via automation dynamic temperature control.

- Utilized machine learning models to automatically adjust equipment for optimal energy efficiency and plant growth

- Automated the combination of indoor environmental data, plants and sensors data to control dosing and light schedules

as well as actuators like shade screens and humidifiers to create the perfect energy efficient climate for our Aquaponics farm

- Overall work entailed integration of remote sensors to monitor internal and external greenhouse conditions e.g temperature, humidity, light levels, CO_2 and plant conditions remote sensors monitoring pH, moisture levels, nutrient concentration .

Business Analyst | Novation INC – Irving Texas
2005 – 2008

- Responsible for, but not limited to, the analytical functions for creating & supporting standard Supply Chain data services reporting.

- Developed queries, analyses and dashboards for Supply chain data services including standard and ad-hoc reporting.

- Collecting, analyzing, and interpreting Supply Chain data to define savings opportunities

- Assisted to create processes and tools to support Novation inc Supply chain data management teams initiatives.

- Collected useful requirements to design the Business Intelligence Platform for Novation inc.

Analyst | American Airlines – FT Worth Texas
2003 – 2005

Designed and developed a parallel Travel Agency Incentive Audit System for the Airline's Domestic Incentive Programs that resulted in significant reduction process time and reduced costs. Introduced new automated functionalities that produced further cost reductions. Application was written in Ms Access 2003 using VBA and Queries to Process as per contractual agreements for US and

Canada based Preferred and Global agencies and to measure agency performance against their contract terms forming the baseline to issue the agency back-end incentive commission following audit specifications

IT Projects Coordinator | East African Safari Airlines – Nairobi Kenya

1995 – 2003

Developed various Airline database applications systems

Passenger Manifest Control System (Revenue Accounting System)

An airline revenue accounting system for the management and control of in-flight passenger information and reporting, accounting of flown tickets, MCOs, excess baggage tickets and other 'accountable' documents. Application was written Ms Access 2000

Aircraft Maintenance Tracking System

Developed a system for tracking all essential information necessary for proper maintenance of Aircraft. This information included Maintenance Review Board, MRB Tasks, Manufacturer recommended tasks for the Maintenance Planning Document, MPD, and periodic Service Bulletins.

SKILLS

- Relational Database management Systems expert
- Application coding skills includes PHP, JAVA, P-SQL, LINUX, UBUNTU
- IOT (internet of things) sensor driven application development
- Expert knowledge Climate smart agriculture systems
- Expert Knowledge E-Learning Management systems setup and integration of video and audio conferencing particularly for

the visually impaired
- Expert knowledge Open source systems integration
- Expert Knowledge Interactive voice response systems (IVR)