ALEXA JOHN MURITHI

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OBJECTIVE

An entry-level in Computer engineering or Computer Science related field to gain field experience and thus execute my lifelong dream of owning a world class tech company.

EDUCATION

- ✓ **Kenya Certificate of Primary Education (KCPE),**   Completed November 2013
  KAIRUNI PRIMARY SCHOOL
  Score 372 marks (B+)
- ✓ ***Kenya Certificate of Secondary Education (KCSE),***   *Completed November 2017*
  SHIMO LA TEWA SCHOOL, MOMBASA
  Score 66 AGP (B plain)
- ✓ **Bachelor of Technology**, **Computer, and electronic systems,**   *Graduated December 2023.*
  MOUNT KENYA UNIVERSITY MAIN CAMPUS, THIKA
  Second class honors
  Related coursework: *Learning Computer and electronic systems (both software and hardware) for developing Intelligent technology systems that improve human life and make everyday activities smart.*

  Other:
  *• **Google Africa Developers** (MAR 2022 – NOV 2022)*
  Google Cloud Platform bootcamp.
  *• **Andela and Meta** -(AUG – SEPT 2023)*
  React bootcamp.

SKILLS & ABILITIES

Programming

- Learnt basic programming in C, C++, JavaScript (ECMAScript 6) and Python programming languages.
- Well versed in React library, Flask, and Django Web Framework.
- Well versed in API architectures especially REST and SOAP approaches.
- I Can program microcontrollers using native Arduino platform and other platforms.
- Also, well versed in containerization using Docker and cloud architectures such Kubernetes.
- I manage my code base using Git for version control specifically GitHub.

Linux kernel based Operating Systems

- Well versed in Linux distros such as:
  - ➢ Kali Linux
  - ➢ Ubuntu
  - ➢ Fedora
  - ➢ Arch Linux

Electronics circuit design and fabrication

- Can design complex circuits and fabricate them on PCBs.
- I Can design PCBs and have basic electronics skills such as soldiering, repairing and maintenance.

ICT systems repair and maintenance
- Can troubleshoot problems in IT related systems and repair and maintain computer hardware.
- Networking skills in terms of troubleshooting and maintenance of network connections.

Computer networking and troubleshooting
- I have mid-level knowledge in computer networking and can be able to design networks, maintain good connection between local and external networks, troubleshoot whenever there is a problem and find a solution.
- Well versed in networking protocols, architectures, and implementation, also trained in mobile computing.
- Able to configure Cisco and Huawei Routers. (Participated in the Huawei ICT Competition 2023 under the Network Track and qualified for the nationals).

Google Cloud Deployment and maintenance
- Finished the course training online via Pluralsight under the scholarship Google Africa Developers Scholarship Program and received a participation certificate (attached).
- Well versed in google compute engine and Kubernetes.

Containerizations
- Well versed in Docker deployment and maintenance of software applications.

Leadership
- Served as a Science club chairman for two years in high school.
- Served as a class representative in my first year up to third year in university.
- Served as an organizing secretary for one year in my universities Coast Association.

Communication
- Have participated in numerous class presentations during my years in high school.
- Presented in Science congress at the county level (category physics) became among top 5 and qualified for regional levels for two years (2016 and 2017).

Other skills and abilities
- Project management
- Research and development

WORK EXPERIENCE
- ➤ ***Industrial Attachment (Computer engineer)***
  Nupola Technologies (Tech Invest), Nyali, Mombasa   *February to April 2021*
  Work details: *Designed electronic circuits for smart devices, such as trackers among others as well as writing, compiling, and uploading programs for microcontrollers.*

- ➤ **Compliance Internship (AML Analyst)**
  Equity Bank Limited Kenya, Head office Upper Hill Nairobi.   *March to August 2023*
  Work details: *Analysis of transactions and any bank activity to check for suspicious activity involved in money laundering and financing of terrorism.*

- ➤ *IT Risk Officer (Compliance IT officer)*
  Equity Bank Limited Kenya, Head office Upper Hill Nairobi.   *August 2022 to December 2023*

  Work details: *Developing software systems to support the AML and Financial Crime Department as well as provide. technical support to work devices such as laptops among others.*

HOBBIES
- ➤ Cycling, swimming, watching movies, coding, and reading novels

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