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,**   Expected graduation 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 and Django Web Framework.
- I Can program microcontrollers using native Arduino platform and other platforms.
- Currently self-learning on Machine Learning Framework TensorFlow.

Electronics circuit design and fabrication

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

Computer networking and troubleshooting

- I have basic 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.
- Able to configure Cisco and Huawei Routers. (Participated in the Huawei ICT Competition 2023 under the Network Track and qualified for the nationals).

Web development

- Proficient in React library + NodeJS and specialized in NextJS framework (front end) together with ExpressJS (back end) frameworks. Also Proficient in PHP and Laravel technologies as well Django and Flask

ICT systems repair and maintenance

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

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
- Fast Learner
- Critical thinker and problem solver

WORK EXPERIENCE

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

- **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.

- **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.

HOBBIES

- Cycling, swimming, watching movies, coding, and reading novels, gaming and learning new software technologies

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