

# BRAVINE CHERUIYOT ROTICH

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## **EDUCATION**

### **Dedan Kimathi University of Technology**

*Bachelor of Science in Computer Science*

**Nyeri, Kenya**

*May 2018 – Dec 2021*

- Relevant Coursework: Fundamentals of Computer Science, compilers and operating systems, systems and architecture, software development and testing, web applications, app development, databases, algorithms and data structures.
- Further, pursued and passed additional programs offered by the University through various companies like IBM and Microsoft. This includes three IBM Badges and Google Digital Skills Badge.

### **Litein High School**

*Kenya Certificate of Secondary Education*

**Kericho, Kenya**

*Feb 2014 – Nov 2017*

- Went through the Kenyan system of education.
- I also participated actively in football where I won several competitions and represented the school up to regional level.

## **SKILLS**

### **Software Development**

*Android Developer (java, kotlin and dart)*

- I have studied and mastered java and kotlin language through object-oriented programming. I understand the java syntacs and semantics including methods, classes, objects and models. Through java, kotlin and dart, I have learnt android programming and I have built several applications that are in my GitHub account: <https://github.com/bravine6>

*Database Management*

- I have studied database systems from basic relational MYSQL database to a complex graphical Firebase database. I have used WAMP and XAMPP local servers to support my local projects and Google's Firebase to support online projects especially in android development.

*Web Design*

- I have studied the web design process and I am able to design websites. I am Talented in web design technologies [PHP, HTML, CSS, and BOOTSTRAP] and Laravel Framework.

### **Networking**

*Systems and Data Center Monitoring*

- I am well-versed with monitoring of LAN. I have the capability of troubleshooting any issue that comes up in the LAN and finding a solution for it. I am also able to maintain and resolve all issues in a data center including servers, switches, routers, firewalls, riverbeds and cabling.

## **WORK EXPERIENCE**

***SPECIFIC RESPONSIBILITIES***

1. Technical Support- This includes fixing of printers, cisco phones, installing operating systems, setting up of audio-visuals in court rooms.
2. Network Support- Setting up of switches, access points, network and voice ports, cabling and providing the required configuration to the equipment.
3. Installation and Maintenance of protecting services (antiviruses and firewalls)

## 2. Syngenta- ICT Site Engineer

Nairobi, Kenya  
Jan 2022 –Sept 2022

### **SPECIFIC RESPONSIBILITIES**

1. Systems monitoring which includes servers, switches, ISP installations, cabling and the farm management system.
2. Analyze, evaluate and diagnose technical problems and issues such as installation, maintenance, repair, upgrade and configuration, troubleshooting of desktops, software, hardware, printers, internet, email, operating systems and security systems.
3. Plan network upgrades, expansions and replacements.
4. Develop support procedures and strategies for systems, networks, operating systems and application development.
5. Participate in the procurement processes of ICT equipment.
6. Schedule computer related services, maintenance and license renewals.
7. Support and Contribute to the development and implementation of new network and systems upgrade with the regional and global team.

### **PROJECTS COMPLETED AND ACHIEVEMENTS.**

1. Installation and testing of Cisco Meraki project. Meraki enables a system administrator to manage all devices in a network from one dashboard.
2. Installation of a new subnet in our main switch.
3. Planning for implementation of 43 new cameras in the site to merge with existing 65 cameras.
4. Installation of backbone fiber in the farm to support various devices such as cameras and access points. This eliminates use of radios and also greatly reduces damage risk.
5. I successfully managed the data center in the site maintain the 2 servers, 2 routers, multiple switches and other data center equipment.
6. Provided level 1 IT support to 80+ employees working in the site.
7. Enrolled 70+ tablets in the Intune revolutionary client.
8. Managed successfully over 70 computers, 70 tablets, printers and other existing IT equipment as the sole IT Engineer in the site.
9. Managed to supervise multiple upgrades and repairs of our various systems.

### **PERSONAL PROJECTS**

#### **MedicFluent**

- Building a database for a medical application and encrypting data going into the database.

#### **BlogPost**

- Website built using Laravel framework designed to enable someone post his/her own posts to the public.

### **ADDITIONAL INFORMATION**

*Hobbies:* Pool Player, Watching Football, Travelling.

*Interest:* Block chain Technology, Software Development

### **Referees:**

#### **Mr. Gerald Wangutusi**

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Syngenta.

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