

## **PERSONAL DETAILS**

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Name: Erick Maina.

Address P.O BOX 43844-00100 NAIROBI.

Gender: Male.

Nationality: Kenyan.

Date of Birth: 03/02/1996.

Languages: English and Kiswahili.

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## **CAREER OBJECTIVE**

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√ To pursue my career in a reputable institution with the aim of enhancing my skills and personal knowledge.

√ To meet both the internal and external demands for the achievement of the institution's goals and objectives.

## **PERSONAL ASSESMENT**

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A very courteous and obedient, loyal and trustworthy, open minded and accommodative individual who is a team player. Furthermore, over the years I have obtained good analytical and critical thinking skills.

The above skills have helped me to be mindful of the prevailing social, political and economic situations. Moreover, to ensure that the job is done whatsoever the situation by being cognitive and seizing opportunities in challenges.

Finally, I possess high sense of self-esteem, very optimistic, focused and decisive thus very responsive at all times of need.

## **ACADEMIC BACKGROUND**

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<b>DATE</b>	<b>INSTITUTION.</b>
<b>2016-2020</b>	Kenyatta University.  Bachelors' degree of Science in Information Technology.  Completed Course Work (Awaiting graduation).
<b>2012-2015</b>	Dandora Secondary School.  Kenya Certificate of secondary education (B-).
<b>2004-2011</b>	Dandora Primary School.  Kenya Certificate of Primary Education (239 marks.)
<b>2000-2003</b>	Promise Academy.

## **WORK EXPERIENCE.**

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Three months industrial attachment training at Kenya Water Institute. During this period, I worked in the I.T department and was assigned the following tasks.

√ Fieldwork planning and organization

- √ Trouble shooting of system networks
- √ Testing of CAT 6 cables and computer Aided Design of fiber Distribution Models.
- √ Installation and configuration of Institution Access Controls.

Ten months front-end developer at Fuprox. I carried out the following tasks during this period:

- √ Design and development of android application.
- √ Unit-testing code for robustness, usability, and general reliability.
- √ Bug fixing and improving application performance.
- √ Work with outside data sources and APIs.

## **SKILLS**

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- √ **Communication skill:** I can effectively communicate complex concepts and ideas to both technical and non-technical audience
- √ **Mobile App Development and Design:** Platform (Android), Language (JAVA).
- √ **Web Development:** Languages (HTML, CSS, JAVASCRIPT, PHP, DJANGO, Relational Databases (SQL)).
- √ **Networking configuration skills:** Skill set of handling networks which involves; designing of networks and examining them for efficiency by using tools such as Packet Tracer
- √ **Application programming interfaces (API)**
- √ **Office tools:** Word, Excel, Outlook
- √ **Awarded Computer Hardware Certificate.**

## **PREVIOUS WORK**

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### **Queue booking android app using JAVA**

✓ Built an android app that enables a user to book for a position or place on a queue in a certain institution and allocates the user a unique ticket, which is later verified by a desktop app built for ticket verification.

### **Timetabling system**

✓ Built a timetabling system which encompasses an android app and a website built in PHP for back-end. The android app receives and updates the students on any changes made to the timetable making it efficient and ensuring more productivity. The PHP backend helps the timetable creation process easier and reliable by employing a PHP algorithm which generates available time slots to eliminate classes/lecturers collision. The system is built by the following languages: Back-end (PHP, MYSQL, HTML, CSS, JAVASCRIPT), Android app (JAVA)

### **Free Time-slots calculator using JAVA**

✓ Wrote a JAVA Script that generates free time slots, given different time allocation periods certain time period by using JAVA datetime methods, conditions and iterations.

## **INTERESTS AND HOBBIES**

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✓ Inquiring about the technology world and the current emerging trends.

✓ A big fan of sports (soccer and basketball)

✓ Reading magazines and journals and other educative materials.

✓ Cycling.

## **REFEREES.**

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**Edwin Wachira**

**Supervisor**

**Kenya Water Institute**

**Telephone Number: 0702850910.**

**Abdullahi**

**Project Manager**

**Fuprox**

**Telephone Number: 0701811299.**