

TIMOTHY M. MACHARIA

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Bio Data	<p><b>Gender:</b> Male</p> <p><b>Date of Birth:</b> 23<sup>rd</sup> March 1995</p> <p><b>Nationality:</b> Kenyan</p> <p><b>Language:</b> English Spoken: Fluent • Written: Fluent</p>				
Career Objectives	<p>To develop practical knowledge, skills and values, and to apply them in the service of humanity as an agent of change. I therefore seek opportunities that would help me develop the requisite capacity to achieve these objectives.</p>				
Academic Qualifications	<table><tr><td data-bbox="272 615 586 926">2016-2018</td><td data-bbox="586 615 1567 926"><p><b>Diploma:</b> Diploma in ICT Management</p><p><i>Institute of Advanced Technology</i></p><p><i>Certificate in Information Technology Diploma</i></p><p><i>Pearson Certificate</i></p></td></tr><tr><td data-bbox="272 926 586 1110">2009 -2012</td><td data-bbox="586 926 1567 1110"><p><b>Kenya Certificate of Secondary Education</b></p><p><i>Kahuho Uhuru High School</i></p><p><i>Certificate of Secondary Education</i></p></td></tr></table>	2016-2018	<p><b>Diploma:</b> Diploma in ICT Management</p> <p><i>Institute of Advanced Technology</i></p> <p><i>Certificate in Information Technology Diploma</i></p> <p><i>Pearson Certificate</i></p>	2009 -2012	<p><b>Kenya Certificate of Secondary Education</b></p> <p><i>Kahuho Uhuru High School</i></p> <p><i>Certificate of Secondary Education</i></p>
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Skills	<ul style="list-style-type: none"><li>➤ <b>Communication Skills:</b> I am an excellent communicator who effectively conveys information both verbally and in writing. I am also a keen listener and gives prompt feedback.</li><li>➤ <b>Research skills:</b> I am able to source required information, evaluate and present the findings to completion of my tasks.</li><li>➤ <b>Analytical Skills:</b> Recognizes areas of weaknesses requiring improvements and makes recommendations to the management for consideration, approval and implementation</li><li>➤ <b>Planning and Organizing:</b> Ability to identify and prioritize activities and assignments, make necessary adjustments as required; foresee risks and allow for contingencies when planning.</li><li>➤ <b>Flexibility and Adaptability:</b> I am a flexible team player who thrives in environments that require ability to effectively prioritize and juggle multiple concurrent tasks. I am also very positive, resilient and open to new ideas.</li><li>➤ <b>Goal focused:</b> Able to withstand pressure at work</li></ul>				

## Professional Skills:

Front-End Web Development	Backend Web Development	Desktop Applications
<ul style="list-style-type: none"><li>• <b>HTML 5</b></li><li>• <b>CSS 3</b></li><li>• <b>Bootstrap 4</b></li><li>• <b>JavaScript ES6</b></li><li>• DOM Manipulation</li><li>• <b>jQuery</b></li><li>• Bash Command Line</li><li>• Git, <b>GitHub</b> and Version Control</li></ul>	<ul style="list-style-type: none"><li>• <b>Node.js</b></li><li>• NPM</li><li>• <b>Express.js</b></li><li>• EJS</li><li>• REST</li><li>• <b>APIs</b></li><li>• Databases</li><li>• SQL</li><li>• <b>MongoDB</b></li><li>• Mongoose</li><li>• Authentication</li><li>• Firebase</li><li>• <b>React.js</b></li><li>• React Hooks</li><li>• Web Design</li><li>• Deployment with GitHub Pages, Heroku and MongoDB Atlas</li><li>• Web3 Development on the Internet Computer</li><li>• Blockchain technology</li><li>• Token contract development</li><li>• NFT minting, buying and selling logic</li></ul>	<ul style="list-style-type: none"><li>- IT equipment installation, networking and configuration</li><li>- .Net Framework, (VB.NET, C#)</li><li>- Object oriented programming</li><li>- Database query languages (SQL, MySQL, others)</li></ul>

**Position: Software Developer.**

**Responsibilities:**

- \* Programming standalone (Offline applications using VB.Net) and web applications (ASP.NET and PHP).
- \* Guide team development efforts towards successful project delivery.
- \* Maintain high standards of software quality within the team by establishing good practices and habits.
- \* Assist in the collection and documentation of user's requirements, development of user stories, estimates and work plans.
- \* Prepare reports, manuals and other documentation on the status, operation and maintenance of software.
- \* Design, develop and unit test applications in accordance with established standards.
- \* Analyze and resolve technical and application problems.
- \* Provide third-level support to business users including computer networking and server maintenance.
- \* Customer service by engaging with service providers, clients via calls and emails
- \* Customer training and follow up to ensure quality service delivery as after sale services.
- \* Assist in the collection and documentation of user's requirements, development of user stories, estimates and work plans.
- \* Analyze and resolve technical and application problems.
- \* Computer Networking -Ensure all client computers are well connected to the server to eliminate any chances of delays to client's work stations.
- \* Provide third-level support to business users.
- \* Monthly reports to management teams on all client queries, enquiries and complains.
- \* Monitor software support backups and procedures to ensure data recovery.

**January 2018 - April 2018**

**IT Intern | Gertrude's Children Hospital**

**Responsibilities:**

- \* Respond to user requests for service, troubleshoot problems and help develop solutions.
- \* Support PC hardware components, desktop operating system software and application software.
- \* Perform minor repairs to equipment and arrange for other servicing needs.
- \* Identify and report systems issues to IT administrators. Monitor and test resolution of those that have been sent to IT administrators.
- \* Monitor antivirus software, update and repair computers infected with spyware, adware and/or virus.
- \* Monitor ICT support backups and procedures to ensure data recovery.
- \* Record activities, solutions and other responses to request for service.
- \* Assist in maintaining inventory records and documentation for equipment.
- \* Contribute to GCH technical documentation and participate in policy, procedure and standard development.
- \* Consult with the administrators, perform research and evaluate solutions to assist in the selection and purchase of equipment and installation or upgrade of systems.
- \* Assist users in determining appropriate software solutions to meet needs.
- \* Develop and provide user training for basic hardware and software use.
- \* Maintains open communication and positive working relationship with staff.
- \* Perform other duties/ projects as may be assigned by IT administrators.

**Referees**

1. Mr. Wanderi Mwangi,  
Senior Lecturer Institute of Advanced Technology  
And C.E.O Sapiens IT Lab,  
Phone: 0721 387 805.