MWAURA KELVIN GITONGA

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PROFILE SUMMARY

I possess natural problem solving and analytical skills that may contribute to the development of best practices, procedures and policies within your organization. My ultimate goal is to make a significant contribution towards developing sustainable and efficient solutions to problems facing humanity through the application of computing skills. I believe that working in your institution will provide the right opportunity for me to foster my skills and interests in the computing field as well as my entrepreneurial skills.

PERSONAL DETAILS

- **Date of Birth:** 03 December 1995
- **Languages**: Fluent in English and Swahili

EDUCATION

- **Bachelors of Science** Computer Technology (Second class honours, upper division) - Jomo Kenyatta University of Agriculture and Technology (JKUAT); 2014- 2018
- **Kenya Certificate of Secondary Education (A- minus)-** Mang'u High School; 2010-2013
- **Kenya Certificate of Primary Education (417/500 marks)-** Mary Immaculate Primary School; 2000-2009

KEY SKILLS AND COMPETENCIES

- **Front- End Software development**
  - o **Web Design**- Very skilled in HTML, CSS. Additionally, I can do web design using website builders such as Adobe Muse

  - o **Front End Programming-** Very proficient in front end programming languages including but not limited to jQuery, Ajax, JavaScript and JavaScript Frameworks like Vue Js

- **Back-End Software Development**
  I am able to develop creative software solutions for problems in:
  - o **PHP-** Able to develop software solutions in PHP and using MVC frameworks like CodeIgniter
  - o **Java** –using Java and its related frameworks like JavaFX
  - o **Python**

- **Database Administration**
  - o Extensive knowledge in MySQL, SQLite, SQL Server Databases, MySQL Workbench and PostgreSQL
  - o Able to design, develop and maintain a wide range of database schema on MySQL, SQL Server, Oracle and PostgreSQL

- **DevOps**

  - o Extensive knowledge in container technologies including Docker, Terraform & Kubernetes.

  - o Great understanding of Continuous Integration Continuous Development (CI/CD) of small to large scale software applications.

  - o Experienced in deployment and management of cloud applications on Azure, Google Cloud and Amazon Web Services (AWS)

- **Unix and Linux Development-** Experience with various Unix distributions including RedHat Enterprise Linux (RHEL), Kali Linux, CentOS and Ubuntu.

- **Data Analysis and Visualization**- Able to perform data analysis in Python and Jupyter.

- **Android Development** in Java, Flutter and Dart.

- **Networking and Security**
    - Diagnose and repair network related problems.
    - Design LAN networks.

- **IT Support**
    - Diagnose and repair hardware and software related problems

- **Maintenance**
    - Maintain a wide range of hardware and software programs

- **Research skills:** Skilled and highly effective researcher keen on gathering substantial information for content needed.
- **Problem solver:** Ability to solve problems and come up with solutions by carrying out research.
- **Team working skills:** Capable of maintaining effective working relationships and building rapport with team members and community members I am working with.

WORK HISTORY

- **ELYON CONSTRUCTION LIMITED: April 2016- September 2016**

ICT Intern
- Assisting the ICT manager with any given roles and responsibilities.
- Assist with maintenance of Information Systems
- Networking

- **NANYUKI WATER AND SEWERAGE COMPANY: July 2017- September 2017**

ICT Intern
- Interned across various departments providing hardware and software assistance in the daily operations of the company,
- Computer hardware maintenance
- Software installation
- Troubleshooting & networking
- Data entry

- **CARREL TECHNOLOGIES LIMITED: October 2018- Present**

Software Developer Engineer

- Development of software for inhouse and client solutions
- Execution of the Software Development Life Cycle (SDLC) and Agile approaches in developing software solutions
- Develop flowcharts, layouts and documentation for projects done
- Writing well designed, testable and scalable code
- Integration of software components
- Providing administrative support within the company
- Troubleshooting, debugging and upgrading existing systems
- Deployment of programs/systems and evaluating user feedback
- Developing software verification plans and quality assurance procedures

o   **FINSYS GROUP LIMITED: November 2019- Present**

Software Developer Consultant

- Provision of Software Development consultancy services
- Development of software solutions centered around Unified Communications and Collaboration software
- Deployment and maintenance of cloud and on-premise applications
- Troubleshooting, debugging and upgrading existing systems
- Writing well designed, testable and scalable code
- Develop flowcharts, layouts and documentation for projects done

CERTIFICATIONS

- **CISCO Certified DevNet Associate**

  Earners of Cisco Certified DevNet Associate have demonstrated knowledge at the associate level in software development and design, understanding and using APIs, application deployment and security, and infrastructure and automation on Cisco platforms.

- **CISCO Certified DevNet Specialist**

  Earners of Cisco Certified DevNet Specialist - Core have demonstrated knowledge of software development and design including using APIs, Cisco platforms, application deployment and security, and infrastructure and automation.

EXTRA CIRRICULAR ACTIVITIES

- **Clubs and Societies**: Journalism Club, Scouts Association, Bio-Technology Club (High School)
- **Sports**: Rugby and football

HOBBIES

- I am a business and leadership enthusiast
- Following trends in technology, politics and business.
- I love coaching rugby
- Travelling, reading novels and watching educational documentaries.

ONLINE COURSES COMPLETED

- Python Core and Advanced
- Master Data Analysis with Python-Intro to Pandas
- Learning Python for Data Analysis and Visualization
- Introduction to Flutter Development

REFEREES

1.DOUGLAS ODHIAMBO,

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2. CYRUS MUCHIRI

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LINKEDIN PROFILE

https://www.linkedin.com/in/mwaura-gitonga-3a3b07171

GITHUB PROFILE

https://github.com/mwauragitonga