Samuel Gakere

Computer Science Professional

Versatile computer scientist with a strong foundation in software development and proficiency across Java, C++, and Scala. Known for designing and implementing robust, scalable solutions to address complex technical challenges. Experienced in the full software development lifecycle, from initial concept through to deployment and maintenance, with a meticulous focus on code quality and performance optimization. Effective communicator and collaborator adept at working within cross-functional teams to deliver innovative software solutions that meet strategic business objectives. Continuously seeks to leverage emerging technologies and best practices to drive efficiency and elevate project outcomes."

Education

2024-09 - 2027-08

Bachelors of Science in Computer Science

School of Computing And Informatics, Mount Kenya University - Kenya

2021-09 - 2024-08

Diploma of Science: Computer Science

School of Computing And Informatics, Mount Kenya University - Kenya

2024-09 - 2027-08

Cyber Security and Ethical Hacking Internship Program

Edureka- Online

2023-07 - 2023-09

Certificate: Cloud Computing Fundamentals

UpGrad - Online

2023-07 2024-07

Project Network Certification: Technical Support Fundamentals, Google

Coursera - Online

2022-08 - 2022-09

Project Network Certification: R Programing, Getting Started With RStudio

Coursera - Online

2022-07 - 2022-08

Certificate of Science: Data Science

IBM Skills Network/Coursera - Online

Contact

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Skills

Administrative and Support Skills
- Administrative Support
- Documentation and Reporting
- Client Relations

Analytical and Problem-Solving Skills
- Analytical Thinking
- Problem-Solving Abilities
- Decision-Making
- Quality Assurance

Communication and Interpersonal Skills
- Outstanding Communication Skills
- Technical Writing
- Teamwork/Team Player Skills

Management and Organizational Skills
- Project Management Abilities
- Time Management Abilities
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2020-02 - **2021-05**	**Certificate: Cisco Networking** *ICS College , CISCO- Online*
2016-02 - **2019-11**	**Kenya Certificate of Secondary Education** *Ngumo Boys High School – Kenya*

Technical skills

- Technical Acumen
- Testing Procedures
- Networking
- System Engineering
- Troubleshooting Skills
- Cybersecurity
- Software Development
- High-Performance Computing
- Data Operations
- Database Management
- Software Upgrades
- Web Application Development
- Machine Learning
- Algorithms Design

Programing Skills

➢ Master information on key dialects of programing; PHP, CSS, HTML and SQL.

➢ JavaScript and resulting structures; Node.js, React.js, Vue.js and Angular.js.

➢ Mid-level mastery on R programming language, GIT, C++, python, Java, Dart(Flutter) and C.

➢ Middle knowledge in Python and ensuing systems; Flask and Django.

Current Projects

I have been working on various academic and programming projects, Graphics Design and video editing
through liaising and coordinating with various clients on a contract basis to meet their specific needs.
Some Project Done Are:
➢ Designing and Maintenance of various E-

- •Organizational, Planning, and Supervisory Skills
- •Exemplary work ethic
- •Needs Assessment
- •Microsoft Office Suite Proficiency

Languages

English
Swahili

commerce websites.
- ➢ System testing and maintenance
- ➢ Poster Design
- ➢ Video Editing

Work History

**2023-09 -
2023-12**

Intern At Africa Airlift Initiative

- Excelled in coding and actively contributed to software development
- Conducted valuable research on emerging technologies
- Collaborated seamlessly with the team, prioritizing thorough documentation for clarity in code and project-related processes
- Streamlined IT support processes for quicker response times and increased user satisfaction
- Maintained up-to-date documentation on network infrastructure, facilitating faster troubleshooting and resolution of issues
- Resolved complex technical issues by conducting research, consulting with experts, or testing potential solutions before implementation
- Identified opportunities for process improvements within the IT department, leading to more efficient workflows and better resource allocation
- Completed assigned tasks ahead of schedule, demonstrating strong time management skills and commitment to project success
- Provided technical support, resolving IT issues to maximize productivity for team members
- Assisted IT team members by crafting project research material for implementation

**2019-12 -
2023-08**

Freelancer

Online Sites, Kenya

- Assisted students in developing essential study skills, leading to improved time management and academic success
- Facilitated goal-setting exercises with students,

promoting self-reflection and accountability
throughout the learning process
- Advised students on potential career paths
within the IT industry, sharing relevant job market
trends and opportunities for growth
- Addressed individual student concerns by
offering additional support outside of regular
tutoring sessions when necessary

2022-08 -
2022-08

Election Clerk

Kiambogo Primary School, Kenya
- Exceeded expectations in maintaining an
orderly polling location through constant
monitoring of cleanliness standards and overall
appearance
- Maintained confidentiality of sensitive voter
data while adhering to strict privacy policies
and procedures during vote tabulations
- Maintained secure voting environment by
promptly addressing and resolving any
discrepancies or issues during elections
- Demonstrated exceptional attention to detail in
verifying voter identification documents,
ensuring compliance with election laws and
regulations
- Enhanced voter experience by efficiently
processing voter registrations and providing
clear instructions

2021-09 -
2021-11

Supervisor

Kazi Mtaani a National Hygiene Program
- Helped in cleaning the town area at Laiser hill
and Gravity Supermarket.
- Enhanced youth program participation by
developing engaging and age-appropriate
activities
- Supervised daily program operations while
ensuring adherence to safety regulations and
guidelines
- Established a safe and positive environment for
youth participants.
- Fostered an inclusive environment by promoting
cultural awareness and sensitivity among staff
and program participants

Certifications

- Certificate of CCNA 4 (2021): Awarded by Code with Cisco Netacad Academy in recognition of completion of 'Cisco CCNA Series: Advanced Concepts' course.
- Awarded two letters of merit from CISCO CEO Chuck Robbins.

References

1. Bwibo Michael
Tel: 0725327856
Email:bwibomichael7@gmail.com
2. Scolar Wanjiru
Tel: 0718 546910
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3. Justus Mbugua
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