CURRICULUM VITAE

PERSONAL INFORMATION

Harmony Mwirigi Mwithalii
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GitHub: **https://github.com/harmonymwirigi**

SUMMARY

Highly motivated software engineer with over three years of experience in Native PHP, Python development using Django and Flask frameworks. Skilled in developing web applications that are user-friendly, responsive, and scalable. Proficient in API integration, debugging, and testing. Experienced in IT support and troubleshooting. Passionate about staying updated with the latest technologies and best practices in software development.

PROFESSIONAL EXPERIENCE

Fiverr, Freelancer Software Developer
[November 2022 – Present]

- Designing, developing, and maintaining Flask-based web applications for global clients.
- Writing clean, maintainable, and efficient code.
- Testing and debugging to ensure high-quality software releases.
- Optimizing applications for performance, scalability, and security.

- Designing and implementing solutions to address complex problems.
- Integrating APIs
- Writing clean, efficient, and maintainable code using Python, Flask, and Django.
- Providing IT support and troubleshooting technical issues.
- Conducting testing to ensure high-quality software releases.

Projects:

1. **https://mozartacademyofmusic.com/**
2. **http://tonirodriguez.pythonanywhere.com/**
3. **http://pdf-tonirodriguez.pythonanywhere.com/**

Kenya Airlift Program, Software Engineer
[December 2023 – April 2024]

- Solution Development.
- Debugging
- Implementing Solutions that help KAP student achieve their goals.
- API integrations into the KAP system
- Bringing new technology and implementing them.

Project:

1. Kenya Airlift Program System
2. https://portal.theairliftsacco.co.ke/accommodation

Ministry of Education, Digital Learning Programme, ICT Intern
[February 2023 – June 2023]

- Provided support for e-learning and content development.
- ICT support and training in sub-counties to facilitate technology integration in learning.
- Maintained ICT services in schools and resolved technical issues.

IT Manager (Industrial Attachment)
[July 2022 – September 2022]

- Troubleshooting technical issues.
- Networking.
- Data entry.

Personal Project, Developer
[August 2020 – July 2022]

- Designed and developed IoT projects.
- Developed Flask web applications.
- Practiced best software engineering practices.

SKILLS

- Proficient in Python, Django, Flask, HTML, and CSS.
- Experience in using Git for version control.
- Strong problem-solving skills.
- Excellent communication skills.
- Debugging
- Native PHP
- API Integration
- Solution Developer
- Robotics

EDUCATION

- Bachelor of Science in Computer Science, Laikipia University, Second Upper Division, September 2018 – December 2022.
- Kenya Certificate of Secondary Education, Igembe Boys High School, Mean Grade C+, February 2014 – November 2017.

CERTIFICATION

- CCNA 1, 2, 3 - Cisco.
- Linux - Cisco.
- Innovator – Laikipia University.
- Data Entry – Ajira Digital.
- Drama – Laikipia University, Igembe Boys High School.
- Coordinator – Creative Ministry.

REFEREES

- Bidan Murianki
  Project Manager, Africa Airlift Initiative
  Nairobi, Kenya
  Email: bidoom1234@gmail.com
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- Barille Godana
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