MARK MOSES MALALU

Social media manager | Full Stack Developer| Graphic Designer

CONTACT

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EDUCATION

- BSc in Molecular Cellular Biology, Kenyatta University, 2016 – 2023
- University of Toronto: Bachelor of Computer Engineering with AI Minor, 2023
- KCSE, Bungoma High School, 2012 – 2015 (Grade A-)

CERTIFICATIONS

- Olympia Software Development & Social Media Certification – Comprehensive training in IT and social media management, 2021
- Salon Assured Kenya – Ongoing social media management and post design experience, 2023–Present
- Upwork Professional Certification – Verified expertise in web development and social media management, 2022
- Web Application Technologies and Django, University of Michigan, Sep 2023
- Introduction to Data Analysis using Microsoft Excel, University of Michigan, Sept 20
- Python, HTML, CSS, 2019 – 2021, University of Michigan,

PROFESSIONAL SUMMARY

Innovative Software Developer with hands-on experience in the full software development lifecycle, including requirements gathering, design, coding, testing, debugging, and maintenance. Expertise in front-end and back-end web development, infrastructure management, and cybersecurity. Proficient in developing scalable solutions using modern frameworks and technologies. Adept at collaborating with cross-functional teams to deliver cost-effective and responsive applications. Experienced in graphic and post design, offering a creative edge in social media management and cyber cafe services.

EXPERIENCE

Social Media Post Designer

Salon Assured Kenya

June 2023 – Present

- Designed and created engaging social media posts to enhance the brand's online presence.
- Managed and optimized social media platforms, including Instagram, Facebook, and TikTok, to drive engagement and increase followers.
- Collaborated with marketing teams to align post designs with promotional campaigns.
- Successfully maintained consistent branding across various platforms for over a year.

Tools: Canva, Adobe Photoshop

Software Engineer

Upwork

Nov 2019 – Present

- Developed robust internal tools to streamline tasks performed by DBAs and support representatives, saving 500+ hours per quarter.
- Refactored legacy codebase using modern frameworks, resulting in a 20% increase in system performance and scalability.
- Automated patching and deployment processes, reducing manual intervention by 50% and minimizing human errors.
- *Technologies: Python, Java, Spring, JavaScript, SQL, YML, AWS, Ansible, Docker, Kubernetes, Kafka*

CERTIFICATIONS

- Upwork Professional Certification – Verified expertise in web development and social media management, 2022
- Computer Packages Certification

AREA OF EXPERTISE

- Software Development
- Graphic and Post Design
- Social Media Management
- Database Design
- System Design
- Project Management
- Troubleshooting & Debugging
- Performance Optimization
- API Development
- Full Stack Development
- Containerization
- IT Solutions
- Cyber Cafe Services (Document Scanning, Printing, Online Applications, etc

TECHNICAL SKILLS

- Languages: Java, Python, JavaScript, C/C++, SQL
- Frameworks: React, Express, Node.js, Angular, Spring, Django
- Web Technologies: REST, SOAP
- Data Management: PostgreSQL, MySQL, MongoDB, InfluxDB, Kafka
- Cloud Platforms: AWS
- Version Control: Git, GitHub, Bitbucket
- Microservices: Docker, Kubernetes
- CI/CD Tools: Jenkins, Ansible, Terraform, Grafana
- Design Tools: Canva, Adobe Photoshop

LANGUAGES

- English: Fluent
- Swahili: Fluent
- Basic Spanish

HOBBIES

- Programming
- Socializing
- Watching Football & Movies

REFEREES

- Available upon request

Cyber Cafe Services/ Attendant
Olympia cyber cafe   *Jan 2020 – Dec 2024*

- Ensured smooth operation and maintenance of computer systems, optimizing performance and troubleshooting issues.
- Delivered exceptional customer service, addressing inquiries and ensuring high levels of satisfaction.
- Utilized ECitizen and NTSA services to efficiently process applications and provide accurate information to clients.
- Designed and developed professional resumes, tailoring each document to highlight clients' unique qualifications.
- Captured high-quality photos and videos for promotional content, ensuring visual appeal and engagement.
- Enhanced and modified content to improve clarity, presentation, and overall user experience.

Software Developer,
Genweb2 Limited (Remote part time)   *Jan 2019 – Nov 2024t*

- Built scalable product categorization and data integration tools for an e-commerce platform.
- Developed RESTful APIs using Node.js and Express.js, ensuring efficient data retrieval and extensibility.
- Automated administrative tasks with PowerShell scripts, reducing manual effort and increasing efficiency.
- Worked with MySQL and MongoDB databases to manage and integrate large datasets.
- Created responsive and user-friendly front-end interfaces using *React.js, HTML, CSS, and Tailwind CSS.*

RELEVANT PROJECTS

Genius School: School/Tutoring Website

- Directed the development of a tutoring website using Spring, JavaScript, JQuery, and MySQL, enabling features like student registration and course management

Typesetter: Social Media Application

- Developed a social media web application using React and Express.js, enabling users to create profiles, follow others, and administer posts.

Web Design Projects

- Prime Temple Properties: https://www.primetempleproperties.com
- Beauty Lynk Spa: https://www.beautylynkspa.com
- Portfolio Website (On going)