

EMMANUEL M. JESSE

Information Technology Professional | Web Design & Development | Digital Media Production | Network Administration, Design & Set-Up | Graphic Design & Content Creation | Project Proposal Management |



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PROFESSIONAL SUMMARY:

A versatile and multifaceted IT professional with a combination of deep technical expertise, creative problem-solving, and a forward-thinking mindset. I excel in designing and developing optimized web solutions that integrate seamlessly across both front-end and back-end systems, ensuring outstanding user experiences while maintaining robust performance. My proficiency in networking extends to the effective configuration and management of servers, switches, and core devices, utilizing industry-standard tools like Nagios and Cacti to monitor and optimize network performance with precision.

I am committed to continuous growth in the dynamic IT landscape, leveraging my diverse expertise to create innovative, scalable solutions. With a proven ability to blend creativity and analytical thinking, I deliver impactful results across various technical domains. My experience spans developing optimized websites, managing complex network systems, and ensuring robust cybersecurity through ethical hacking and proactive system protection. I also apply my creativity in multimedia production, specializing in graphic design, video editing, and 3D design to enhance branding and communication. My hands-on troubleshooting expertise ensures system efficiency and smooth, uninterrupted operations.

In addition, I am particularly skilled in Tech Project proposal management where I bring clarity, structure, and strategic insight to ensure proposals are not only viable but also align with real-world challenges and client goals. My ability to review and refine project documentation, identifying opportunities for improvement, and provide actionable recommendations ensures that projects are executed efficiently and smoothly, with measurable success.

Beyond my professional experience, I am passionate about empowering the next generation of IT professionals by providing mentorship, guidance, and practical IT training, helping those from vulnerable backgrounds find alternative learning avenues to pursue their academic and career goals. This embodies my commitment to educational equity, striving to close the digital divide by equipping emerging talent with the skills they need to succeed.

Driven by a strong desire to make meaningful contributions, I am committed to protecting individuals and organizations from the growing threat of cyber fraud. By ensuring systems remain secure and resilient against malicious attacks, I strive to bring about sustainable change in both educational and professional spaces. Leveraging my fresh perspective, technical expertise, and passion for continuous learning, I am dedicated to delivering impactful solutions and fostering innovation in an ever-evolving IT landscape.



CAREER HISTORY:

Virtual Design Consultant

Freelance – (Nairobi, Kenya)

| 09/2021 - Active

Role:

Website Developer:

- Successfully developed and launched multiple websites, creating responsive and user-friendly interfaces that aligned with client needs and business objectives. This leads to improved client engagement, increased traffic, and strengthened online presence, contributing to the growth and success of businesses.
- Have gained valuable experience in front-end and back-end development, enhancing technical skills in coding, problem-solving, and project management.

Graphic Designer:

- Specialize in creating visually compelling designs for both electronic and print media. Develop impactful logos and fliers that effectively communicated brand identity and messages.
- Leverage creative and technical expertise to deliver high-quality designs tailored to client needs, enhancing marketing efforts and audience engagement.



QUALIFICATION:

| Diploma – Information Technology
Jomo Kenyatta University of Agriculture & Technology (JKUAT) | 2024

Juja-Kenya

| Certification:

*** ALX AiCE-AI Career Essentials**
ALX Academy Certificate | 09/2024-11/ 2024

*** Networking Basics**
Cisco Networking Academy | 09/2024-11/2024

*** Introduction to Cybersecurity,**
***Cybersecurity Essentials *Java Script,**
***Networking, *Ethical Hacking, Introduction to Data Science**
Cisco Networking Academy | 01/2023-04/2024

*** Strategic Planning**
DOM Institute | 01/2023- 02/2023



EDUCATION:

| Uganda Certificate of Education (O-Level)

Uganda Martyrs High School

Lubaga-Uganda



EXPERTISE:

- Web Development & Design: Front-end & Back-end (HTML, CSS, JavaScript, PHP, Python, Laravel, MySQL)
- Network Configuration & Management: Servers, switches, core networking devices, performance monitoring tools (Nagios, Cacti)
- Cybersecurity: Ethical hacking, system protection, vulnerability management (Kali Linux)
- Multimedia Production: Graphic design, video editing, 3D design, branding materials (Adobe Suite – Illustrator, Photoshop, After Effects)



SHORT-TERM ENGAGEMENTS:

Proposal Management & Documentation

Freelance – (Nairobi-Kenya)

| 09/2023 – Active

Role:

- Collaborates with clients to develop comprehensive project proposals conceptualizing, drafting, and refining proposals to align with client objectives while ensuring clarity, structure, and professionalism.
- I also consult on the feasibility and strategic alignment of proposal to tackle real-world challenges.
- My experience in reviewing and refining project documentation ensures that proposal are well-structured, client-centric, and aligned with the tech-project objectives, leading to successful execution desired outcomes.



VOLUNTEER EXPERIENCE:

Mentor

Freelance – (Nairobi-Kenya)

| 2016 – Active

Role:

- Dedicated to helping youth from vulnerable backgrounds brainstorm and access opportunities that support their educational and career goals. Focused on mentoring aspirants, providing guidance on how to find resources and avenues to further their academic pursuits, while fostering a passion for learning and growth in the field.
- I also guide talented and passionate who are unable to attend formal institutions by providing hands-on training and mentorship in media production, helping them develop practical skills and access alternative learning opportunities to enhance their talents and pursue their aspirations in digital technology.

Head of Department (HOD) - Media Ministry

Gate of Heaven Church International – (Nairobi-Kenya)

| 2022 – Active

Role:

- Spearheading sound engineering, video production, photography, and graphic design while mentoring and training young emerging talents.
- Produce impactful multimedia content, including fliers, which elevates the ministry's digital presence while ensuring the vibrant, skilled, and creative team, drives engagement and community growth.

Internship – Infrastructure & Support Services Department

JKUAT – (Juja, Kenya)

| 9.09/2024-29.11/2024

Role:

- Gained hands-on experience in networking tasks, including configuring switches, setting up indoor and outdoor access points, and managing IP phones.
- Proficiently handled laptop and computer repairs, installed operating systems, and provided network support services across the campus.
- Additionally, mentored and assisted upcoming IT students with technical challenges, fostering their growth and confidence in the field.



ACHIEVEMENTS:

- Successfully designed and implemented network solutions for the institution improving connectivity and communication systems, resulting in enhanced collaboration and efficiency among cross-functional teams.
- Acted as a key consultant for a tech-start-up dealing with fraud prevention, reviewing & refining their project proposals to ensure alignment with industry standards, contributing to the successful approval – currently ongoing.
- Successfully mentored over 10 youth from undeserved backgrounds gain hands-on experience on web-development and digital technology, which have led to placement in the ministry and self-employment.

- Technical Troubleshooting: Computer hardware and software diagnosis and solutions
 - Project Proposal Management: Viability consultation, documentation review, project alignment with real-world problem-solving
 - Data handling & system performance monitoring
 - Technology Proficiency
- Analytical Skills:

- Problem-solving in cybersecurity, web performance, and troubleshooting
- System optimization and performance enhancement

Creative Skills:

- Graphic design and branding
- Video production and editing
- 3D modelling and design

Soft Skills:

- Communication, Interpersonal & Presentation
- Result-Oriented
- Attention to Detail & Timing
- Cross-functional Team Collaboration
- Advocacy



VALUES:

- Empathy & Compassion
- Innovation & Creativity
- Quality Excellence
- Inclusivity, Diversity, Equity
- Resilience & Adaptability
- Precision & Consistency
- Inspiration & Empowerment
- Continuous Improvement
- Social Responsibility



LANGUAGES:

English:

C2

Proficient

Swahili:

C1

Advanced

HOBBIES:

- Enjoy Cinematic Storytelling
- Basketball Enthusiast
- Create Tech-Focused Content to Inform & Educate
- Engaging in Youth Mentorship



REFEREES:

| AVAILABLE UPON REQUEST