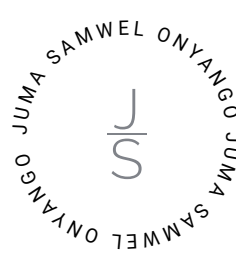


JUMA SAMWEL ONYANGO

IT SUPPORT | AI INNOVATION | CYBERSECURITY | DIGITAL TRANSFORMATION ADVOCATE



CONTACTS

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LINKS

Website:
<https://samwelwebsite.web.app/>

GitHub:
<https://github.com/juma591Z>

LinkedIn:
<https://www.linkedin.com/in/jumasamwel/>

SKILLS

Python	<div><div></div></div>
Django	<div><div></div></div>
HTML	<div><div></div></div>
CSS	<div><div></div></div>
JavaScript	<div><div></div></div>
Git	<div><div></div></div>
Information System Security	<div><div></div></div>
AWS	<div><div></div></div>
MongoDB	<div><div></div></div>
Data analysis	<div><div></div></div>
React	<div><div></div></div>
MySQL	<div><div></div></div>
CRM software proficiency	<div><div></div></div>
Cold calling	<div><div></div></div>
Sales pipeline management	<div><div></div></div>
Client relationship management	<div><div></div></div>
Prospecting techniques	<div><div></div></div>
Market research	<div><div></div></div>
Lead qualification	<div><div></div></div>

LANGUAGES

English	<div><div></div></div>
Swahili	<div><div></div></div>
Luo	<div><div></div></div>

HOBBIES

Swimming, Traveling, Cooking

REFERENCES

LAZARO LARRY OPIYO Kenya Airways (KQ) T: +254757664690 E: lazarolarry10@gmail.com
ALLAN MWITA PIUS United Nations Population Fund (UNFPA) T: 0745201307 E: allanmwitag@gmail.com
YAHYA AFIF COUNTY GOVERNMENT OF MOMBASA T: +254-724778779 E: afifyahya001@gmail.com
PETE DEDAN Vihiga County Government T: +254-724565519 E: petededan3000@gmail.com

ABOUT ME

Innovative and results-driven IT professional with a strong foundation in technical support, AI innovation, and digital transformation. Recognized among the Top 12 AI Innovators National during the Africa AI Innovation Summit 2024 and a Cybersecurity Hackathon finalist. Skilled in providing user-centered solutions, automating processes, and leveraging emerging technologies to solve real-world problems. Passionate about inclusive technology and bridging the digital divide.

WORK EXPERIENCE

Volunteer Tech Lead, INCLUSIVE NETWORK INITIATIVES, Migori
Nov 2023 - Present

- Led digital literacy training for underserved groups in Migori County, enabling 100+ participants to access digital tools.
- Developed and deployed an AI-powered chatbot using Vercel and Python to provide 24/7 community support on INI's website.
- Coordinated a volunteer program to expand regional outreach.

IT Support Intern, Power Learn Project (PLP), Nairobi
Mar 2025 - Present

- Resolved 150+ student support tickets weekly via LMS and email, improving resolution time by 30%.
- Provided technical assistance for course platform issues and user accounts, enhancing learning accessibility.
- Contributed to knowledge base documentation for frequent support queries.

Lead Generator, CIC Insurance Company, Nairobi
Dec 2024 - Mar 2025

- Generated leads through networking and digital platforms to drive sales growth.
- Built strong client relationships by addressing their insurance needs effectively.
- Delivered personalized product presentations to enhance client understanding.
- Achieved monthly KPIs by managing sales pipelines and ensuring timely follow-ups.

SGT RATER(Part time), Telus International AI Inc, Nairobi
Feb 2024 - Feb 2025

- Optimized visual search algorithms, enhancing user experience significantly.
- Ensured compliance with content guidelines, improving web safety and accuracy.
- Provided critical feedback, refining AI and boosting search technology precision.
- Promoted global relevance in content, fostering inclusivity for diverse users.

SPECIAL NEEDS AI PROGRAM RESEARCHER, Kenya Institute Of Special Education, Nairobi
Mar 2024 - May 2024

- Selected among top 30 from 300 for elite AI program at KISE
- Led team to develop AI app for visually impaired navigation
- Recognized as top 12 AI innovators at African Development Bank event
- Featured on national TV for impactful contributions to assistive tech

INFORMATION COMMUNICATION TECHNOLOGY SPECIALIST (INTERNSHIP), COUNTY GOVERNMENT OF MOMBASA, Mombasa
May 2022 - Aug 2022

- Supported the County ICT Department in managing public service IT infrastructure and helpdesk operations.
- Conducted data entry, system audits, and basic network troubleshooting across multiple departments.
- Assisted with community tech outreach programs aimed at improving digital inclusion at ward level.

EDUCATION

Bachelor of Science in Computer Science, University of Kabianga, Kericho
2023

- Mastered algorithms and data structures, the backbone of tech innovation.
- Gained hands-on expertise in Java, Python, C++, boosting coding potential.
- Developed full software solutions, from design to deployment, with precision.
- Acquired database design skills in SQL for efficient data management.

High school diploma, Migori Boys High School, Migori
2018

- Championed harmony and community service through active Peace and CAV Club involvement.
- Excelled in problem-solving by engaging deeply in the Math Club activities.
- Engineered a winning wireless phone charger prototype at the Science Fair.
- Achieved first place at the sub-county level, advancing to county competition.

Google Cyber Security Professional Certificate, Coursera
2023

- Mastered foundational cyber security principles to counteract vital threats.
- Secured networks with cutting-edge tools, enhancing overall cyber resilience.
- Elevated security with advanced identity management and access controls.
- Achieved Google Cyber Security Professional Certificate, showcasing expertise.

Software development, Power Learn Project, Nairobi
2024

- Graduated with top honors from the Power Learn Project program.
- Mastered scalable application development through hands-on projects.
- Proven ability to solve complex problems in collaborative settings.
- Committed to continuous learning and driving tech innovation forward.

Website Development Scholarship Program, eMobilis Mobile Technology Institute, Nairobi
2024

- Selected as a top scholar from 2,900 applicants for elite Web Development Program.
- Mastered HTML, CSS, and JavaScript to create impactful web applications.
- Led a collaborative team in delivering responsive, user-friendly project designs.
- Achieved excellence in coding with rigorous reviews, ensuring top-quality results.

AWARDS

3RD PLACE HACKATHON SERIES (CA CYBERRISE HACKATHON 2023) By COMMUNICATIONS AUTHORITY OF KENYA, Mombasa
Aug 2023 - Sep 2023

Taking part in the Mombasa region Cyber Security Hackathon was an amazing experience. Leading my team of four, we tackled various challenges like cryptography and web exploitation. It was all about using our tech skills and problem-solving skills to find hidden flags in the given time. Working together, we made sure to communicate effectively and prioritize tasks to stay productive. The hackathon wasn't just about competition; it was a chance to learn and grow. Afterward, we discussed what went well and how we could do even better next time. Overall, it was a thrilling and educational experience that taught me a lot about cyber security. Plus, it was great to collaborate with other passionate folks in such a dynamic setting. Ending up in third place was a proud moment for our team, showing what we can achieve when we work together.

NATIONAL FINALS SPECIAL NEEDS AI PROGRAM: CERTIFICATE OF ACHIEVEMENT By HUAWEI, Nairobi
Mar 2024 - May 2024

Developed an application leveraging the power of AI to help the visually impaired at KISE easily navigate their surrounding environment independently.

VOLUNTEERING

Official Member/Volunteer, Kenya Red Cross, Nairobi
Oct 2024 - Present

I collaborated with the Kenya Red Cross Society to support their humanitarian initiatives through dedicated volunteer work. Actively participating in community events, I connected with fellow volunteers and community members, working together to make a meaningful difference. I adhered to the Code of Conduct and Volunteer Policy, ensuring that all activities were conducted in a safe, respectful, and inclusive environment. This experience allowed me to contribute to impact projects and assist in emergency responses and provide support where needed most, deepening my commitment to humanitarian service and fostering a stronger, more resilient community.

Volunteer Advocate for Inclusivity at Inclusive Network Initiatives, INCLUSIVE NETWORK, Migori
Nov 2023 - Present

- Led digital transformation initiatives to support inclusivity and community development.
- Designed technology-based solutions for advocacy, education, and resource mobilization.
- Collaborated with stakeholders to create scalable innovations empowering vulnerable populations.
- Volunteered to support organizational programs through advocacy, training, and outreach activities.

COURSES

AWS Certified Cloud Practitioner, Amazon Web Services (AWS)
Jun 2024 - Sep 2024

File Security Associate, OPSWAT Academy
Aug 2024 - Dec 2024

OPSWAT Endpoint Compliance Associate, OPSWAT Academy
Aug 2024 - Sep 2024

McKinsey Forward Program, McKinsey & Company
Nov 2023 - Apr 2024

Introduction to Computers and Operating Systems and Security, Microsoft
Nov 2023 - Jan 2024

Introduction to Finance: The Basics, University of Illinois at Urbana-Champaign| Coursera
Dec 2023 - Dec 2024

Google Cyber security Specialization, Coursera
Mar 2023 - Sep 2023

ISEA Certified Cyber Hygiene practitioner, Ministry of Electronics and Information Technology
Jul 2023 - Sep 2023

Networking Devices and Initial Configuration, Cisco
Dec 2022 - Feb 2023

Cybersecurity Essentials, Cisco
Nov 2022 - Jan 2023

JavaScript Application Programming, Alison
Nov 2022 - Jan 2023

OPSWAT Introduction to Critical Infrastructure Protection (ICIP), OPSWAT
Dec 2022 - Jan 2023

Web Development - Advanced CSS3 Selectors and HTML5 Elements, Alison
Dec 2024 - Dec 2024

Diploma in Interconnecting Cisco Networking Devices Part 1 (ICND1) v3 CCNA, Alison
Apr 2022 - Sep 2022

Computer Networking - Local Area Networks and the OSI Model, Alison
Jun 2022 - Aug 2022

Introduction to CCTV Systems, Alison
Jul 2022 - Aug 2022

Management Information Systems, Alison
Jun 2022 - Aug 2022

OOPs in Python, Great Learning
Jun 2022 - Aug 2022

Data entry, Ajira Digital Program
Jun 2022 - Jul 2022

Virtual assistant, Ajira Digital Program
May 2022 - Jun 2022