



UNGANIKA TECHNOLOGIES

- The Digital Landscape of Africa -

COMPANY **PROFILE**

19 Floor, Millenium Tower II
Bagamoyo Road / Kijitonyama
Dar es Salaam - Tanzania

+255 756083416/ 687552558

www.unganikatech.co.tz

Inspiring Innovation, Delivering Excellence.

**MORE THAN 5 YEARS OF
EXPERIENCE**

Why We Started?

We are in an exciting time of technological transition in Africa and the world as a whole. The technology sector is growing at an exponential rate, and more people are using web and mobile applications, which connects everyone and everything.

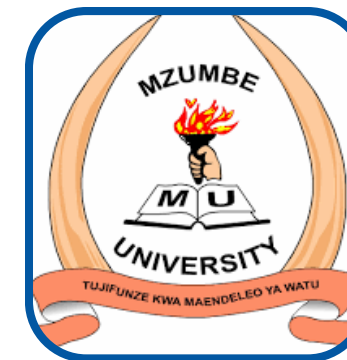
By offering actionable and affordable insight and human-centered digital solutions, Unganika aims to assist organizations in providing their best value to the community by taking advantage of the growing demand for insight to technology use and the expanding digital landscape in Africa.

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OUR HAPPY CLIENTS



Business Portfolio

OUR CORE BUSINESS

ICT CONSULTANCY

Are you seeking IT expertise or assistance? We provide options tailored to your requirements.

ICT SOLUTIONS

We merge standalone applications to minimize errors and duplication of efforts. Furthermore, we customize, develop, and launch applications based on the client's specifications.

ICT INFRASTRUCTURE

We create, provide, implement, and maintain hardware, software, facilities, and service components that facilitate the operation of business systems.

Business Portfolio



Consultancy

SERVICES

Consultancy Services



Onsite IT Support

We offer IT personnel according to the qualifications and experience agreed upon with the customer to work on-site daily. The customer is responsible for supplying the staff with workspace amenities, overseeing their daily performance, and periodically providing us with feedback.



Remote IT Support

We establish service agreements with service level agreements (SLAs) for the services we deliver. This can include phone support, remote access, and/or on-demand site visits.



Scheduled Support and Maintenance

We offer scheduled maintenance services, such as quarterly or semi-annual checkups, for an agreed-upon number of nodes, including hardware and applications. This may also entail a specific number of weekly or monthly visits to provide support services as per the agreement.

Team Professionalism & Certifications



**Microsoft Certified Professional
Certifications**



**Cisco Certified Professional
Certifications**



**Huawei Certified Professional
Certifications**



**[PMP] Project Management
Professional Certifications**

Business Portfolio

ICT Solutions

Automation

PRODUCTS & SERVICES

ICT Solutions Services



AUTOMATION

In this portfolio, we create, implement, and integrate technology into business operations to drive digital transformation, enhance service quality, optimize service delivery, reduce costs, or a combination of these goals

Software Development

Our team of software engineers is fully committed to creating solutions tailored to our clients' requirements. We primarily adopt agile methodologies to meet the evolving demands of our customers. Our experienced engineers specialize in both open source and Windows-based environments, as well as mobile application development



Cyber Security

We merge diverse systems according to client specifications, streamlining data flow and ensuring smooth, efficient integration between different applications. Our development team is proficient in working with multiple programming languages and platforms

System Integration

We merge diverse systems according to client specifications, streamlining data flow and ensuring smooth, efficient integration between different applications. Our development team is proficient in working with multiple programming languages and platforms



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SOLUTIONS

Software Development

```
glDisableClientState("GL_TEXTURE_COORD_ARRAY")
glTexCoordPointer(2, "GL_FLOAT", 0, obj._mesh.uv)
glVertexPointer(3, "GL_FLOAT", 0, obj._mesh.vertices)
glNormalPointer("GL_FLOAT", 0, obj._mesh.normals)
glDrawElements("GL_TRIANGLES", len(obj._mesh), "GL_UNSIGNED_INT", obj._mesh)
if obj.render_tex and obj._mesh.uv and obj._material.tex:
    glDisableClientState("GL_TEXTURE_COORD_ARRAY")
glPopMatrix()
if obj._draw_debug:
    render_axes(mesh_transform, length=1.5)
    if obj._p is not None:
        from_vec = Vec(obj._p.tform[12], obj._p.tform[13], obj._p.tform[14])
    else:
        from_vec = Vec(0.0, 0.0, 0.0)
    to_vec = Vec(obj._transform[12], obj._transform[13], obj._transform[14])
    render_trsl_line(from_vec, to_vec)
if reset:
    matrix.reset_to_identity()
for t in seq:
    if isinstance(t, Vec):
        matrix *= Mat.translation(t)
obj.free(True): 0}
fh.close()
f.write(csv_file)
return {}
except IOError as err:
    raise ExportException(err.msg)
```

0xA4959531, 0x18A80C18, 0x8E8A3A84, 0x79588A1A, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A
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0x4C4C4C4C, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A, 0x8A8A8A8A

Custom Software Development



SOFTWARE

Custom software applications tailored to meet specific business requirements have become essential in today's technology environment, especially as the constraints of off-the-shelf software become evident. Companies now seek customized digital solutions to drive their growth.

The skilled team at Unganika Tech Company develops sophisticated applications with exceptional UI and UX that enable businesses to connect with customers and access new markets. We enhance the customer experience by incorporating advanced features such as online messaging, searchable databases, online learning tools, product and process manuals, and comprehensive software documentation into custom software.

Our Custom Software Development Services

- **Software Product Development**
- **API Development**
- **E-Commerce Solution**
- **Web Analytics Dashboard Development**
- **Enterprise Solutions**

Embedded Systems



EMBEDDED

Are you in need of embedded software development solutions tailored for various applications such as industrial and home automation, consumer electronics, GPS systems, and embedded silicon? Do you require a dedicated team to handle any aspect of architecting, prototyping, programming, or testing your embedded software? Look no further!

We specialize in firmware and embedded software design, offering expertise in areas including industrial and home automation, IoT, telematics, device drivers, automotive embedded systems, and more.

The Services

- Embedded Software Programming Services
- Hardware Programming Expertise
- Embedded Linux Proficiency

Mobile App Development



MOBILE APPS

Are you seeking to develop a cutting-edge mobile application for your business or venture into the realm of gaming apps? Perhaps you already have an app on one platform and wish to broaden your audience by expanding to other platforms.

Uganika Tech offers comprehensive mobile app development services tailored to your needs. With over five years of experience, we've crafted numerous mobile applications for clients worldwide across various industries, aiding them in driving profitability — and we're ready to do the same for you.

Our Mobile App Development Deliverables

- **IOS Application**
- **Android Application**
- **Desktop Application**
- **USSD Application**
- **Native Application**



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SOLUTIONS

Cyber Security

Penetration testing



CYBER SECURITY

a simulation of a hacker attack on a network, system, application or website used to discover existing weaknesses before hackers find and exploit them. We determine feasibility of an attack and the amount of business impact of a successful network compromise. We test and report all potential vulnerabilities both externally and internally that result from improper system configuration, hardware or software flaws and missing patches.

Any security issues that are found will be presented to the system owner together with an assessment of their impact and often with a proposal for mitigation or a technical solution.

Our network security assessment team's approach addresses wide-ranging needs for our clients and we offer an in-depth and comprehensive penetration testing service that audit systems from an external or internal perspective.

The Value of Network Security Assessment

- Safeguard your brand by preventing the erosion of consumer trust and damage to your business reputation.
- Mitigating financial losses caused by fraudulent activities.
- Demonstrating adherence to industry regulations, customer expectations, and shareholder requirements through diligent practices.

Digital Forensics



CYBER SECURITY

Our UTS forensic systems offer both portability and robust performance, ensuring seamless operation even when you're working remotely. With our substantial investment in high-speed processing systems and top-tier software, you gain a competitive edge by accessing faster results processing compared to alternatives.

The Value of Network Security Assessment

- Disk Forensics
- Network Forensics
- Email Forensics
- Cloud Forensics



System Audit



CYBER SECURITY

We provide Systems Audits to assess and enhance system effectiveness. As a frontrunner in software development, we comprehend the vulnerabilities inherent in applications. Leveraging our expertise, we offer Vulnerability Assessment and Penetration Testing services for applications, networks, and wireless systems. Our Security Capability Development program fosters security awareness and expertise among personnel, ensuring comprehensive organizational security awareness.

Our system Audit Services

- Audit of System Infrastructure Controls.
- Audit of General IT Controls.
- Thorough system audit.
- Analysis of IT Compliance.





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ICT SOLUTION

System Integration

Bring everything together seamlessly...



System Integration

Unganika merges multiple systems based on client requirements, removing the need for manual data transfers and ensuring consistency and efficiency across different applications.



Government Electronic Payment Gateway (GePG)

The centralized system, connected to all available electronic revenue collection channels for the process of facilitating electronic money transactions from the public to the government and vice versa.



Call Center System Integration with CRM

Integrating telephony with a CRM solution optimizes sales and service interactions, offering sales reps access to an array of useful data.



Data Entry Portal with ERP System

The centralized system, connected to all available electronic revenue collection channels for the process of facilitating electronic money transactions from the pu

A close-up photograph of a network switch or patch panel. The device is dark grey or black with multiple rows of ports. Numerous Ethernet cables are plugged into the ports. In the foreground, several red Ethernet cables are prominent, their RJ45 connectors clearly visible. Behind them, several blue Ethernet cables are also plugged in. The background is slightly blurred, showing more ports and cables. The overall lighting is somewhat dim, with a blueish tint. The text 'Business Portfolio' is overlaid in the top left corner in white, and 'Infrastructure' is overlaid in the center in orange.

Business Portfolio

Infrastructure

Infrastructure



INFRASTRUCTURE

In a Nutshell

organized network cabling and ICT infrastructure

We have been developing local area networks (LANs) of varying complexity for our clients. Our team of experienced and certified engineers is proficient in designing, implementing, testing, troubleshooting, and supporting wired, fiber, and wireless LAN infrastructures. With certifications from multiple brands, we confidently offer a guarantee on our installations for 15 to 25 years.

Physical Security

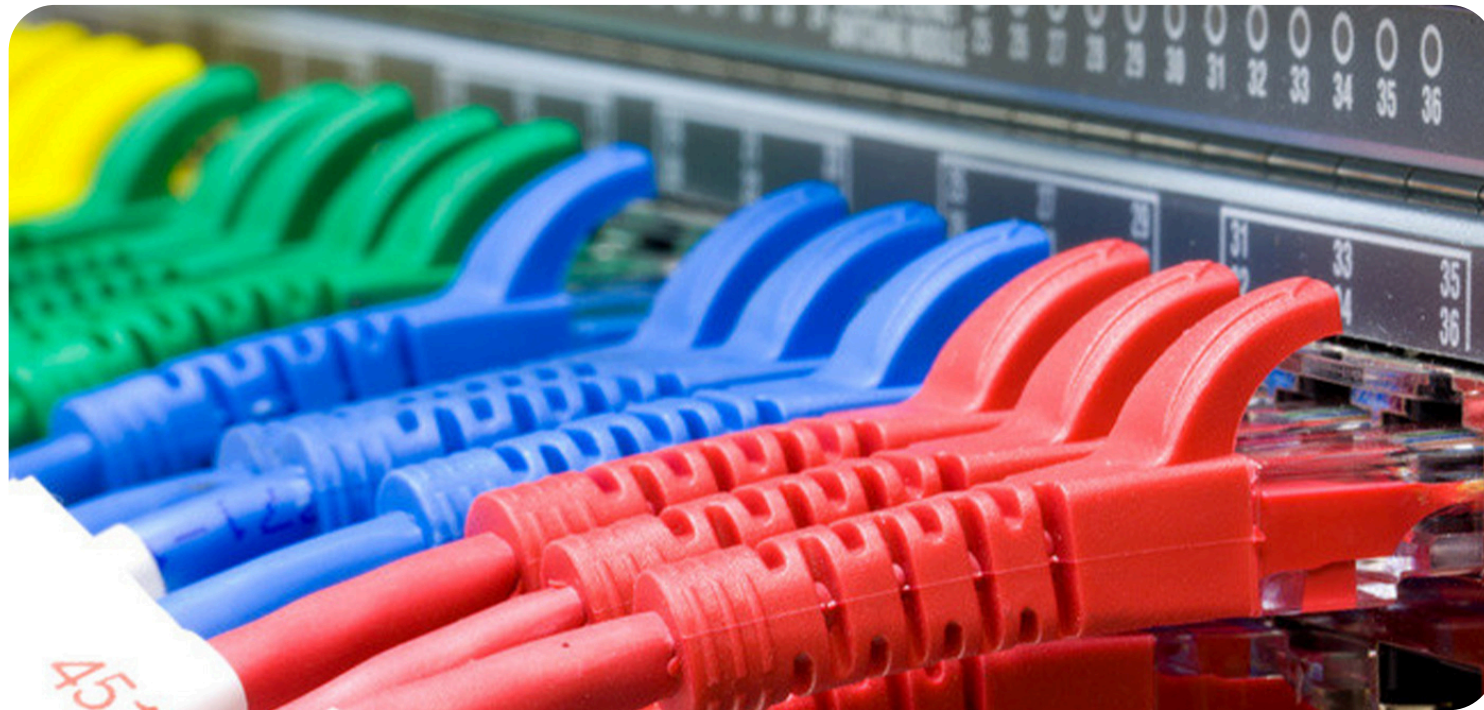
Our qualified engineers specialize in the design, supply, and implementation of top-tier CCTV and Access Control systems. We collaborate with leading partners to offer high-quality, feature-rich, and cost-effective solutions. With our extensive experience, we are equipped to confidently deliver solutions for both small businesses and large enterprise systems.

Seamless Automation

- Voice and Video Communications
- Contact Center Software
- PABX - Private Automatic branch exchange
- Conferencing.



Organized Network Cabling



Network Security: We handle Network Access Control (NAC), advanced firewalls for enterprise edge and data centers, Web Application Firewalls (WAF), endpoint protection, and DDoS mitigation.

Wide Area Network: We handle Network Access Control (NAC), advanced firewalls for enterprise edge and data centers, Web Application Firewalls (WAF), endpoint protection, and DDoS mitigation.

Enterprise Network: In the IoT era, connecting wired and wireless users/endpoints to your network is crucial for accessing enterprise resources, regardless of office size or building complexity. Our expert team specializes in creating reliable and secure network infrastructures that ensure optimal user experience. With over a decade of experience in building enterprise networks, we provide both traditional network solutions and cutting-edge Software Defined Network (SDN) solutions from top global vendors.

Data Center Network: From a small server room to a multiple racks Data Center, we offer Disaster Recovery Site Network solution (Active-Passive) which facilitates data backup and replication from Primary Data Center to a Disaster Recovery Site.



Physical Security



In this, our team offer a variety of access control to various institutions. the available ones are;

- **Vehicle Access Control**
- **Pedestrians Access Control**

ACCESS CONTROL



CCTV and Surveillance System

We offer perimeter monitoring solutions, video wall systems, and camera-based parking management systems.





Customer Relationship Management - CRM Solution



- Customer support agents can offer better and quicker customer service if they have easy access to customer information, such as past purchases and interaction history.
- Businesses can use reporting and visualisation tools to uncover customer trends and insights by gathering and gaining access to customer data.

Contact Center Solution

- Visual IVR designer
- Form designer for agent scripting
- Coaching and monitoring tools (Audio + Screen Recording)
- Multiple outbound modes (Predictive + Progressive + Preview + Broadcast)
- Skill-based routing
- Virtual-on-hold
- Answering machine detection
- Multiple communication channels (Voice + Chat + SMS + Email + Facebook + Twitter)
- Historical reporting & real-time dashboards
- Openness with a rich set of API's
- 100% web based
- Agent Web Application (WebRTC Audio-Video Integrated)





Business Partners

Technology

Hardware/ Products

Software



BUSINESS PARTNERS



MEET THE DIRECTOR

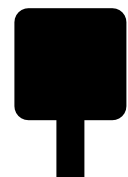


ARNOLD ISAYA SIMONY

CEO

Arnold I. Simony, a software developer with a background in social entrepreneurship and technology consulting, operates from Tanzania. He is both an advocate and the founder of UNGANIKA TECHNOLOGIES COMPANY LIMITED, aiming to leverage the private sector for socio-economic progress across Africa. Previously, Arnold held roles as a software developer and Head of ICT at SpiceUp Limited. Presently, he serves as a software developer at VV System Developer Ltd, specialising as the chief Tester and Analyst. His portfolio includes designing and developing website systems for various entities such as Kibatari Tours, Fareed Bureau de Change Company Ltd, and the ICT Commission of Tanzania. Arnold is the visionary behind Unganika Technologies Company Limited, aspiring to establish it as one of Africa's premier tech firms, driven by the ambition to redefine the continent's digital landscape. He plans to invest in technology labs and real estate ventures to further this goal.

His mission revolves around revolutionising digital life and urban landscapes throughout Africa, while his vision is to empower businesses with custom-tailored software solutions to enhance their efficiency and performance. As a Tanzanian native, Arnold holds a Bachelor of Science degree in Information Technology with Business from Mzumbe University. Beyond his professional endeavours, he actively engages in initiatives such as MACHAMPIONI WA HAKI ZA WATOTO TANZANIA, a project supported by UNICEF TANZANIA, showcasing his commitment to broader social causes.



UNGANIKA TECHNOLOGIES LTD

MEET THE DIRECTOR

FATMA PRAYGOD MBAGGA

COO

Fatma Mbagga, holding a Master's degree in International Law from the University of East London, UK, brings extensive experience in law and procurement. She has worked with Mkono and Co. Advocates and Hellen Keller International NGO.

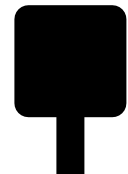
Fatma operates from Tanzania and is deeply involved in leveraging the private sector for socio-economic progress across Africa. Her legal expertise and procurement skills are instrumental in her professional endeavors.

With a vast background in law, she is committed to advancing legal practices and ensuring robust procurement processes. Fatma's vision is to empower businesses and organizations with her legal acumen and procurement knowledge, aiming to enhance efficiency and effectiveness across various sectors.

Beyond her professional life, Fatma is dedicated to social causes and actively participates in initiatives that support community development and empowerment, reflecting her commitment to making a positive impact in society.



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MEET THE DIRECTOR



SULEIMAN KHERI MSUMARI

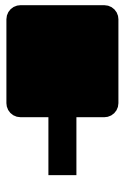
CTO

With over half a decade of experience in the tech industry, Suleiman Msumari brings valuable knowledge and fresh perspectives to our board. As a certified AWS Solutions Architect and current Full Stack Developer in SA Engineering at Amazon Web Services (AWS), Suleiman offers critical insights into cloud technologies, software development best practices, and cybersecurity awareness.

Key Highlights: AWS Certified Solutions Architect – Associate, Expertise in Amazon CloudWatch, AWS Lambda, and secure full-stack development, Proven track record of improving business metrics through technological innovation while maintaining robust security protocols

Suleiman's career includes roles at industry leader Amazon Web Services and innovative startup Robotech Labs Tanzania. His experience encompasses: Developing resilient, complex websites utilizing cutting-edge cloud technologies with a focus on data protection and privacy, Improving service sales by 40% through the development of a secure website portal, Enhancing customer retention through robust web development practices and implementation of security best practices

Suleiman holds a Bachelor's degree in Information Technology from the National Institute of Transport [NIT], As a board member, Suleiman leverages his technical acumen, security awareness, and business sense to guide our company's technological strategy. He ensures we remain at the forefront of innovation while maintaining strong cybersecurity measures. His unique blend of skills in secure cloud computing, web development, and network operations provides a comprehensive and security-conscious perspective on the technological landscape. Suleiman's commitment to staying current with the latest tech trends and security protocols, coupled with his passion for driving secure business growth through technology, aligns perfectly with our company's vision for a safe and innovative future.



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