

# FRANCO JUMA MASAFU



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## PROFESSIONAL SUMMARY

Experienced and skilled systems administrator, networks, and cybersecurity specialist with over 3 years of experience in taking part in designing, implementing, and maintaining IT infrastructure, network, and security environments. Proficient in various networking and security technologies, including TCP/IP protocol suite, routing & switching, enacting network security measures, network traffic analysis, monitoring & reporting, creating cybersecurity awareness, LAN/WAN, WLAN, VPN, and firewall configuration. I am proficient in system administration using Microsoft Windows Servers and also have a vast knowledge of multiple operating systems including Windows, Linux, and MacOS. Additionally, I have experience with cloud technologies such as AWS, Oracle, and Azure. I am detail-oriented, with excellent problem-solving skills and a passion for learning new technologies. I am seeking a challenging IT support, information security, networks, or system administrator role where I can utilize my skills and experience to contribute to the organization's success.

## TECHNICAL SKILLS

- Network Administration and Support
- CCTV Installation & Maintenance
- Graphics & Web Design
- Front-End Web Development
- Windows Server Configuration
- Cloud deployment, Monitoring & Support (AWS & MS Azure)
- UI/UX Design
- Network Traffic analysis & Management

## EDUCATION

### Bachelor of Science in Informatics

(September 2014 – December 2019)

Moi University

### Kenya Certificate of Secondary Education

(January 2010 – November 2013)

Khasoko High School

### Kenya Certificate of Primary Education

(January 2000 – November 2009)

Bokoli RC. Primary School

## WORK EXPERIENCE

### IT ENGINEER – RESUNS SPICES

September 2022 – Present

- Maintaining security of all ICT equipment's in the company
- Configuring and monitoring the CCTV surveillance system (Hik-Vision)
- Setting up the VOIP PBX system of the company and Configuring IP phones to the Yeastar PBX
- Setting up the Time Attendance and Access Control system (ZKTeco BioTime ) of the company
- Installing and Configuring P.A system (Network Cabinet Speakers) to PBX system
- Configuring and monitoring the company's firewall (Sophos FW) for network threats
- Support on Active Directory and File Sharing permissions
- Maintaining security of both LAN & WLAN and all ICT equipment's in the company

### INTERN – TOTAL SOLUTIONS

May 2022 – August 2022

- Installation of Antitheft Antennas at Malls
- Train Clients on new products after installing in their premises
- Access Control & CCTV Installation
- Structured cabling and termination for data centers, server room, CCTV on new established sites
- Installing and configuring computer hardware, operating systems and soft wares/applications
- Testing and recommending new ICT equipment and software

### INTERN – POA PLACE RESORT

May 2019 – August 2019

- Monitoring the POS (point of sale) system (EZee Burrp) is up and running
- Designing promotion cards to give to customers
- Configuring and installing wireless access points in guest rooms and conference halls
- Ensuring that all malfunctioning equipment is inspected and repaired in a timely manner
- Providing day-to-day support for end user requests related to desktop software/hardware, telecom and video conferencing
- Setting and adjusting prices of rooms and delicacies using POS Back office

## SOFT SKILLS

- Teamwork and Collaboration
- Time Management
- Problem solving
- Decision Making
- Creative and Innovative
- Flexibility

## SOFTWARE & TOOLS

- Ms Windows Server
- Figma
- Nmap & Wireshark
- TcpDump
- Sophos & FortiGate Firewall
- ZkTeco BioTime & Access
- Adobe Photoshop
- Corel Graphics Suite
- AWS & MS Azure
- Hik Vision
- Git & Github
- Wordpress

## PROGRAMMING SKILLS

- Front-End: HTML5, CSS3, Bootstrap, ReactJs, NodeJs, PHP
- Database: MySQL (Apache, Oracle)
- Backend: Java, JavaScript,
- Web Hosting : Netlify, Wordpress, Heroku,

## ATTACHEE – BUNGOMA COUNTY ASSEMBLY

May 2016 – July 2016

- Maintenance of Systems and ensuring Computer security
- Providing User Support and Training of Users
- Software Installation and Configuration
- Setting up and Configuring Wireless Access Points
- Support on network issues and troubleshooting
- Providing online services
- Budget preparations
- Server room set-up i.e. mounting rails, switches, routers, power supply backup

## PROFESSIONAL QUALIFICATIONS

- Cisco Ethical Hacker – Cybershujaa ( 2025)
- CIPIT's Data Protection – Strathmore (Oct 2024)
- AWS Cloud Computing – ALX (May 2024)
- Cloud & Network Security – Cybershujaa (2023)
- AWS Cloud Practitioner – ALX Pilot Program (2023)
- Cloud Security – Cisco Networking Academy (October 2023)
- Cybersecurity Essentials – Cisco Netacad(2023)
- Safaricom WIT Web Development Bootcamp (2023)
- Network Security - Cisco Networking Academy (2023)
- Networking Basics – Cisco Skills for All (July 2023)
- Web Development Boot camp (Emobilis Institute of Technology – 2022

## REFEREES

1. Mathew Mwololo  
Technical Engineer  
Total Solutions Ltd  
Tel: 0713856209
2. Dr. Irene Moseti  
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