Richard Assanga Otolo

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Personal Profile	Highly dedicated ICT professional with 11 years of dedicated experience in IT projects implementation, IT infrastructure management, IT Cybersecurity, and team management. I am competent in Providing Technical sales support for IT systems in Networking and Information Security. I am proficient in evaluating and validating the analysis and developing recommendations for clients in the context of the overall solution. Ability to determine clients' needs by supplementing standard assessment techniques. Highly skilled in managing the fiscal operating budget and IT resources for optimization and support of operations. Seeking to position myself in a thriving, growing organization; will allow me to diversify my skills proactively and to exceed organizational goals. I will add value to the organization through the utilization of my superior knowledge and vast experience in almost all aspects of IT management in a world-class organization.

Education	Temporary Admission	**PhD** Strathmore University
	2013 - 2016	**Masters of Science In Telecommunications, Innovation for Development** Attained: 3.28/4.00 University of Nairobi
	2012 - 2013	**Bachelor of Science in Electrical and Electronic Engineering** Attained: Second Class Honors, Upper Division Jomo Kenyatta University of Agriculture and Technology
	2005 - 2012	**Bachelor of Science in Telecommunication and Innovation Engineering** Attained: Second Class Honors, Upper Division Jomo Kenyatta University of Agriculture and Technology
	2001 - 2004	**Kenya Certificate of Secondary Education** Attained: Grade A- (Minus) Light Academy Secondary School

Professional Qualifications	**2018 - 2019**: Strathmore University Leadership Excellence Acceleration Program; Strathmore University **June 2020**: IBM Cloud Application Developer Mastery Award **April 2020**: Learning AI for Security, LinkedIn Learning **Sept 2019**: Huawei Academy Certified Artificial Intelligence Instructor **July 2019**: Palo Alto Network Security Academy Certified Instructor **July 2019**: VMware Certified Associate - Digital Business Transformation **Feb 2019**: Penetration Testing: Advanced Tunneling and Exfiltration **Oct 2018**: IBM Blockchain Developer Mastery Award,

	- **Oct 2018**: Certified Hacking Forensic Investigator Course
	- **July 2018**: Python 3 Tutorial Course
	- **July 2018**: Java Tutorial Course,
	- **April 2018**: IBM Blockchain Foundation Developer
	- **Oct 2018**: Certified Hacking Forensic Investigator Course
	- **Oct 2017**: Certified EC- Council Instructor Certification
	- **Oct 2014**: Certified Ethical Hacker Certification v9
	- **July 2016**: PureCloud Core Professional
	- **Oct 2015**: Microsoft Certified Professional: Office 365
	- **Dec 2015**: Fortinet Network Security Expert
	- **Oct 2014**: Certified Ethical Hacker Certification V7
	- **2011**: Cisco Certified Network Associate Coursework
Skills	- **Communication Skills:** I have excellent communication, written, spoken, and presentation skills with the ability to analyze and communicate complex information to a wider audience.
	- **Project Controls and Process Management:** Understand and know how to use standard project management tools and techniques to schedule, plan, track and correct project performance; and know how to make effective use of technical and management methodologies.
	- **Network Administration:** Knowledgeable and skilled in server configuration, installation, troubleshooting, investigating the internet and other reported service issues, and providing appropriate solutions within the scope of service level agreement.
	- **Troubleshooting and Maintenance:** Capacity to and gained experience in maintaining computer network infrastructure, liaising with external service providers to ensure optimal uptime, best service, and enforcing an up-to-date systems backup.
	- **Software and hardware expertise**: I have the knowledge of which types of software programs are compatible with certain types of hardware, being aware of RAM and hard-drive space requirements, as well as how to install and upgrade the programs.
	- **Flexibility:** I can fit into most environments, maintain calm under pressure, and can adapt well to changes in the workplace.
	- **Leadership and Supervision**: A visionary leader who provides excellent leadership and mentoring, resulting into successful achievement of work objectives. Possesses excellent training and facilitation skills
Work Experience	**Sept 2017 to date** **iLab Africa- Strathmore University**
	Position: IT Security Manager
	Key Achievements:
	- I was interviewed on on the topic of " Virus tracking spy?: The COVID-19 notification system on mobile phone causes stir among Kenyans"
	- Led the team to being awarded a $15,000 grant from Kenya Education Network to research into blockchain technology
	- Setup of the 1st VMWARE Regional IT academy in Kenya in May 2020

Responsibilities:

- Conduct training, research, collaboration, and consultancy in cyber-security.

Feb - Aug 2017	Crescent tech Kenya

Position: Networking and Security Presales

Key Achievements:

- Helped the sales team close over 1 million shillings in sales.

Responsibilities:

- Provided Technical sales support for IT systems in Networking and Information Security.
- Interfaced with the customer to do direct selling.

Aug 2013 - Jan 2017	Fintech Kenya

Position: System Consultant

Key Achievements:

- Deployed cybersecurity solutions in Financial sector organizations in 4 East African countries

Responsibilities:

- Provided technical sales support for enterprise IT systems in Fintech's portfolio of products including the Financial Management Software called Fin-Financials.

Projects Done

Dates	Customer	Project Name	Role
July 2019 to date	Crescent tech Kenya	VMware/ Palo Alto / Fortinet/ Checkpoint Setup of IT Security Academy Setup	Team leader
2019 - 2020	Safaricom	Safaricom Cybersecurity Academy	Project Manager/ Trainer
Jan 2019 - April 2019	Safaricom	Training in basic and advanced cybersecurity	Trainer
March 2018 - March 2019	KENET	Digitizing Educational Certificates onto a distributed ledger (blockchain)	Team leader
Nov 2017 - Sept 2018	Various Customers	Training in Certified Ethical Hacking, Computer Hacking Forensic	Trainer
Dec 2017	Housing Finance	Deployment of Proof of Concept: Portnox Network Access control.	Implementer
June - Jan 2016	Rwanda Cooperative	Implementation of Management Information	Trainer of trainers in the operation of the solution.

		Agency	System.	
	July - Aug 2016	UAP Insurance Kenya Ltd	Implementation of a Proof of Concept for PureCloud Contact Center Solution	Scoping the solution, deploying it, fine-tuning configurations and generating reports at the end of the POC
	April 2016	Fintech Kenya	Migration from ISA to Fortigate 100D firewall	Documenting the rules, deploying the firewall, fine-tuning rules, and generating final documentation.
	Nov - Dec 2015	UAP Insurance company.	Implementation of a Proof of Concept of Customer Interaction Center	Scoping the solution, deploying it, fine-tuning configurations, and generating reports at the end of the POC.
	March - April 2015	CRDB Bank Tanzania	Installation and commissioning of the Imperva Web Application Firewall. I was part of the team that scoped, configured and deployed the solution	Scoping the solution, deploying it, fine-tuning configurations, and generating reports at the end of the test. I currently provide ongoing 1st level support for the solution.
	March - April 2014	CRDB Bank Tanzania	Proof of concept for Imperva DataBase Activity monitoring solution.	Scoping the solution, deploying it, fine-tuning configurations and generating reports at the end of the test
	Jan - Feb 2014	National bank of Rwanda	Proof of concept for Imperva's DataBase Activity monitoring solution	Scoping the solution, deploying it, fine-tuning configurations and generating reports at the end of the test

Additional Information	**Awards** ■ Emerged among the winners in the inaugral Palo Alto Capture the Flag UAE CTF on Cloud Security **Affiliations** ■ Ongoing: Strathmore University IT Students Association Patron 2019 - **Workshops and Conferences** ■ 11th June 2020: Africa Cyber Security Culture Conference ■ Speaker at DLA piper conference on emerging technologies and Moringa School Blockchain workshop. **Hobbies and Interests** ■ I enjoy playing the drums in my local church band, I enjoy discovering new places, reading books, meeting people and learning new technologies

Referees Available Upon Request