

Jared Nyambane Onyari

BSC (Computer Science)-UoN, CCNA, MSC (Applied Computer science)-UoN

1. Personal Information

Name: Jared Nyambane Onyari
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Born: 1975
Gender: Male
Marital Status: Married

2. Education - Academic

- a) **Master of Science in Applied Computer Science, January 2005 to July 2011, (University of Nairobi, Kenya):**
- b) **Bachelor of Science (Computer Science), September 1998 to July 2002, (University of Nairobi, Kenya): Upper second class Honors**
- c) **Kenya Certificate of Secondary Education, January 1989 to December 1992, (Cardinal Otunga High School, Mosocho, Kenya)**
Obtained a mean grade of B+ (103 points out of 120 points)
- d) **Kenya Certificate of Primary Education, January 1980 to December 1988, (Bobembe boy's boarding school, Kenya)**
Obtained a mean grade of A (70 points out of 72 points)

3. Education – Professional and Technical Training

- a) **Satellite Communications, June 2015(AFRALTI, Nairobi, Kenya)**
- b) **Cisco IP Telephony Part 2, October 2013 (New Horizons Computer Learning Centers, Nairobi, Kenya)**
- c) **Cisco IP Telephony Part 1, September 2013 (New Horizons Computer Learning Centers, Nairobi, Kenya)**
- d) **Research and Grant proposal writing, April 2013 (UNES, Nairobi, Kenya)**
- e) **Bandwidth management and optimization, February 2010 (Jimma University, Jimma, Ethiopia)**
- f) **Implementing Cisco Unified callmanager (VOIP), January 2008 (Fastlane computer consultancy, Dubai, United Arab Emirates)**
- g) **Implementing Cisco Quality of Service (VOIP), November 2007 (Fastlane computer consultancy, Dubai, United Arab Emirates)**
- h) **Unicenter Network and systems management, implementation and administration, June 2006 (Computer Associates, Johannesburg, South Africa)**
- i) **Cisco Certified Network Associate (CCNA 3 & 4), June 2004(AFRALTI Cisco Academy, Nairobi, Kenya)**
- j) **Cisco Certified Network Associate (CCNA 1& 2, May 2004(JKUAT Cisco Academy, Nairobi, Kenya)**

4. Employment History

- a) **Manager, Telecommunication Services, ICT Center, University of Nairobi, July 2012 – present**
 - ✓ Plan, design, implement and manage Communications, Infrastructure and Services in line with the established policies, standards and procedures.
 - ✓ Carry out needs assessment in order to define and implement Communications, Infrastructure and Service projects.
 - ✓ Formulate, implement and maintain robust Communications, Infrastructure and Services security mechanisms.
 - ✓ Monitor and fine-tune the performance of Communications, Infrastructure and Services.

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- ✓ Oversee the implementation, maintenance and support of Communications, Infrastructure and Services.
- ✓ Identify skill requirements and implement appropriate training.
- ✓ Identify tools, services and facility requirements and advice on their procurement.

b) Part-time IT Lecturer – School of Computing and Informatics, University of Nairobi, May 2012 - date

- ✓ Preparation of course outlines, schemes of work, and lessons plans
- ✓ Preparation of course material, teaching aids and teaching
- ✓ Design, preparation and supervision of Computer Laboratory Work
- ✓ Design, preparation and administration of term papers
- ✓ Setting, marking and scoring of assignments, continuous assessment tests and University examinations

Courses taught: Masters of Science in Information Systems (M. Sc (IS)), Masters of Science in Distributed computing technology (M. Sc-DCT)

c) Part-time IT Lecturer – Faculty of IT, Mount Kenya University, Jan 2012 - May 2012

- ✓ Preparation of course outlines, schemes of work, and lessons plans
- ✓ Preparation of course material, teaching aids and teaching
- ✓ Design, preparation and supervision of Computer Laboratory Work
- ✓ Design, preparation and administration of term papers
- ✓ Setting, marking and scoring of assignments, continuous assessment tests and University examinations

Courses taught: Bachelor of Business Information technology (BBIT)

d) Chief ICT Officer (Network Infrastructure Services), ICT Center, University of Nairobi, July 2009 – June 2012

- 1) Assist in the design, implementation and management of Network Infrastructure in line with the established policies, standards and procedures.
- 2) Liaise with users in order to define and implement Network Infrastructure projects.
- 3) Provide high-level maintenance and support for Network Infrastructure in line with the established standards.
- 4) Maintain robust Network Infrastructure security mechanisms.
- 5) Monitor and fine-tune the performance of Network Infrastructure.
- 6) Identify tools, services and facility requirements and advice on their procurement.
- 7) Prepares and support users by designing and conducting training programs; providing references and support.
- 8) Upgrading network by conferring with vendors and service providers; developing, testing, evaluating, and installing enhancements.

e) Asst. Systems Administrator, ICT Center, University of Nairobi, April 2006 – July 2009

• Systems Administration

- ✓ Provide system administration services for University servers (Running Win 2000 server, Win 2003 server, Tru64 Unix, Solaris and Linux (Red Hat, CentOS and Fedora))
- ✓ Installing, configuring, optimizing, maintaining and supporting server systems
- ✓ Managing server systems users and resources
- ✓ Implementing and managing server security systems and procedures
- ✓ Monitoring and fine-tuning the performance of servers and server processes
- ✓ Identification of tools, services and facility requirements and advice on their procurement
- ✓ Carrying out server systems recovery, backup procedures and audit systems log

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- **Network Administration**

- ✓ Assist users in requirements development
- ✓ Initial survey, network design and technical specifications
- ✓ Evaluation of tender documents
- ✓ Network monitoring of LAN and WAN devices
- ✓ Configuration of routers, UPS, switches, printers (network) and VOIP equipment
- ✓ Troubleshooting of routers, UPS, switches, printers (network) and VOIP equipment
- ✓ Supervision of the Implementation of networking projects (LAN/WAN)

- **Operationalization of ICT Projects**

- ✓ Assist the University User support Section and users with technical and logistical support in implementation and operation of user support Services
- ✓ Assist the University MIS Section and users with technical and logistical support in implementation and operation of MIS services
- ✓ Assist the University E-learning Section and users with technical and logistical support in implementation and operation of E-learning services

f) Assistant IT Lecturer – IT Center, Strathmore University, March 2003 to April 2006

- ✓ Preparation of course outlines, schemes of work, and lessons plans
- ✓ Preparation of course material, teaching aids and teaching
- ✓ Design, preparation and supervision of Computer Laboratory Work
- ✓ Design, preparation and administration of term papers
- ✓ Setting, marking and scoring of assignments, continuous assessment tests and University examinations
- ✓ Management of student records, student counseling, parent advisor and general administration

Courses taught: IMIS (Diploma, Higher Diploma, Graduate Diploma), DBIT, BBIT, BCOM, CCNA

g) IT Lecturer – IT Section, Kenya College of Communications Technology, Sep 2003 to April 2004

- ✓ Preparation of course outlines, schemes of work, and lessons plans
- ✓ Preparation of course material, teaching aids and teaching
- ✓ Design, preparation and supervision of Computer Laboratory Work
- ✓ Design, preparation and administration of term papers
- ✓ Setting, marking and scoring of assignments, continuous assessment tests and University examinations
- ✓ Management of student records, student counseling, parent advisor and general administration

Courses taught: Diploma in Computer Science (University of Nairobi)

h) IT Lecturer – IT Section, Kenya College of Accountancy, July 2002 to July 2003

- ✓ Preparation of course outlines, schemes of work, and lessons plans
- ✓ Preparation of course material, teaching aids and teaching
- ✓ Design, preparation and supervision of Computer Laboratory Work
- ✓ Design, preparation and administration of term papers
- ✓ Setting, marking and scoring of assignments, continuous assessment tests and University examinations
- ✓ Management of student records, student counseling, parent advisor and general administration

Courses taught: Diploma in Information Technology (JKUAT)

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- i) **Systems Support/Software developer, Solution Services (Memory Software), Aug 1999 to Jun 2002**
- ✓ Development of Payroll and Human Resource Software in PROGRESS RDBMS
 - ✓ Implementation and customization of Payroll Solutions, standalone and Multi-user systems on PROGRESS RDMS on Windows NT and Novell Platforms
 - ✓ Technical support of the existing systems, Network troubleshooting and Database server management
 - ✓ Configuration and Implementation of PROGRESS work group multi-user databases on Novell and Windows NT platforms
 - ✓ Database Administration, the recovery of damaged databases and the design of Databases
 - ✓ Training of users and documentation of the Software

5. Projects and technical evaluation

- 1) Key team member in the preparation of technical proposals and tender evaluation for the acquisition of Servers for the Financial Information System(2007)
- 2) Key team member in the Configuration and implementation of ACCPAC ERP software(2007)
- 3) Key team member in the preparation of technical proposal documents, evaluation of bids and in Implementation of VOIP (Voice Over Internet Protocol) Phase I for the University. (Approx. cost Kshs. 30M)(2007)
- 4) Project leader in The migration of University wide area network links from Simbanet to KDN(Liquid Telecom)(2008)
- 5) Technical proposal for supply and installation of spare back-bone equipment and support gear for the university back-bone (Approx. cost KShs. 10M), 2009
- 6) Project leader in the preparation technical proposal documents and Implementation of VOIP (Voice Over Internet Protocol) Phase II for the University(Approx. Cost 29M)(2014)
- 7) Key team member, Network segmentations and optimization of all University campus networks (LANs) through implementation of VLANs, DHCP services and core routing services to improve on network efficiency, uptime and security (2009 – 2011)
- 8) Project leader in the preparation of technical proposals for the Interactive Voice Response System(IVRS) for the University(2016)
- 9) Project leader in the technical evaluation of the supply of Cisco Integrated Services Router(4431)
- 10) Key team member in the development of technical proposal documents for the University call center(At the tender stage(2017)

6. Personal Leisure Interests

Reading, traveling, scrabble

7. Affiliations/Memberships

Member, Information Communication Technology Association of Kenya (ICTAK)
Member, Adventist Men Organization (AMO), Karengata SDA Church
Member, PTA, Advent hill primary school
Member, University of Nairobi Alumni Association

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8. Referees

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