

# CURRICULUM VITAE

BONFACE ISIAHO ASILIGWA

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## **EDUCATION BACKGROUND**

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### **Master of Science (MSc). Information Technology Management**

University of Nairobi (UON) (2016)

### **Bachelor of Science, Information Technology (Second Class Upper)**

Jomo Kenyatta University of Agriculture and Technology (JKUAT) (2011)

### **Kenya Certificate of Secondary Education (KCSE)**

Nyang'ori Boys High School (2001)

## **PROFESSIONAL QUALIFICATIONS**

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### **Diploma in IT (Distinction)**

JKUAT, (2006)

### **Advanced Diploma in Telecommunications and Wireless Networks**

ICTP/ITU – Trieste Italy (2011)

### **Senior Management Course**

Kenya School of Government (KSG)

## **PROFESSIONAL CERTIFICATIONS**

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ISO 27001:2013- Implementor and Internal Auditor – KEBS 2018

Certified in the Governance of Enterprise IT (CGEIT) ISACA (2017)

Certified Information Systems Security Professional (CISSP) (ISC)<sup>2</sup> (2017)

Certified Information Technology Infrastructure Library (ITIL) Axelos (2016)

Certified in Risk and Information Systems Control (CRISC) ISACA (2015)

Certified in Project Management - Prince 2 -Practitioner APMG (2015)

Certified Information Security Manager (CISM) ISACA (2014)

Certified Information Systems Auditor (CISA) ISACA (2013)

Cisco Certified Network Associate (CCNA) CISCO (2011)

## **PROFESSIONAL MEMBERSHIPS**

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- International Systems Audit and Control Association (ISACA) – Silver Member – ID 780822
- Information Systems Security Certification Consortium (ISC<sup>2</sup>) – Expert Member – ID 571723

## **SKILLS**

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- IT Standards and Frameworks – PCI-DSS,NIST,GDPR,ISO/ISEC-2700:2013,HIPAA,COBIT-2019,SANS-201,ITILv3
- Development and Implementation of Information Security policies, Business Continuity Plans, Disaster Recovery Plans and Incident Response Plans
- Implementation of Systems Security Controls
- Information Systems Audit and Assurance
- Vulnerability Assessment ,Penetration Testing and Security Incident Management
- Cloud security and IOT Security
- ICT Strategic Planning and Risk Advisory
- Network and Application Security (NSA, IPsec, DMZ, IDS,IPS,SIEM,UTM,WAF,)
- Project Management, Monitoring and Evaluation.
- IT Security Contracting
- Systems Performance monitoring and QOS Tuning

## **SUCCESSFUL PROJECTS UNDERTAKEN**

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- 2019Project lead -Implementation of Microfocus SIEM- ArcSight- KENTRADE
- 2019 Project Manager Implementation of ISO/IEC 27001:2013 ISMS Standard
- 2018 Project Manager -Implementation of Imperva Database Activity Monitoring Solution
- 2018 Project Lead Consultant TACACS Implementation Telkom Kenya
- 2018 Project Manager ITIL Framework –KENTRADE
- 2017 Project Lead Implementation of Alien Vault UTM/ OSSIM - KENTRDE
- 2017 Project Engineer Design and Implementation of Disaster Recovery Site - KENTRADE
- 2016-2017-Project Technical Lead (Infra): Kenya TradeNet Portal –UNCTAD/ICF
- 2015-Project Manager Implementation of FortiGate -Web Application Firewall KENTRADE

- 2015 Technical Lead Enterprise Network design and Implementation – Survey of Kenya (SOK)
- 2015 Assistant Project Manager ERP implementation-KENTRADE
- 2014 Project Manager Implementation of HP IMC TAM (Tacacs+ Authentication Manager )
- 2014- Technical Lead installation of IBM Guardium For DB monitoring -IEBC
- 2013 –Technical Lead –Electronic Voter Registration System Infrastructure-IEBC
- 2012-Project Manager – Cisco ASA 5585 Firewalls and UTM
- 2012 Project Manager Enterprise WAN (MPLS) - JKUAT
- 2012 Technical Lead Data Centre Redesign and Implementation –JKUAT
- 2012 Project Manager Installation of Dell Sonic Wall NSA and Enterprise Antivirus Solution

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## **WORK EXPERIENCE**

### **2014-Present Lead Consultant : IT Security And IT Governance: Tact Tech Solutions**

- Design and Implement IT Security Controls
- Development of cyber security Strategy
- Vulnerability assessment and Penetration testing
- Systems Audit and Assurance
- Securing Emerging Technologies – IOT, Cloud, AI and Blockchain
- IT Governance
- IT Risk Management
- Cyber security lead trainer/Instructor

### **2013-Present: Head IT Security KENTRADE**

- Develop and implement Cyber security strategy.
- Develop and implement ICT policies and procedures in line with existing laws and regulations;
- Advice management on ICT systems and infrastructure required to support the Agency.
- Adopt and Implement ICT Frameworks and Standards – ISO 27001, COBIT5 , ITIL V3
- Preparation of budgets, budget reallocation proposals and monitoring expenses relating to the department and cross cutting budget items;
- Vulnerability assessment of ICT Infrastructure
- Develop and Co-ordinate Information Security awareness training programs
- Reports Security incidences and Present to Management
- Design, Develop, implement, and maintain the Agency's business continuity/disaster recovery plan;

- ICT projects Risk Identification, Assessment and Mitigation;
- Information security Management and IT governance; (Network Management, Data base Administration, Applications and Security)
- Lead and co-ordinate technical teams in Responding to Computer security Incidences;
- Vendor management, SLA Execution and Contracts management;
- Lead, Supervise and Manage Performance appraisal of technical teams;

## **2012 – 2013: Senior ICT Officer (Head Data Centre)**

### **Independent Electoral and Boundaries Commission (IEBC)**

- In charge of ICT infrastructure
- Networks Security Deployment and Management of WAF, SIEM, IDS,IPS
- Implementation of ISO 27001 Standard
- ICT projects Planning and management – Electronic Voter Identification and ERP
- Networks Design, Implementation management and Motoring -WAN, LAN,VPN,MPLS ,VLAN .
- Develop ICT budgets and work Plans in line with the strategic plan
- Contracts and Service provider management.
- web applications deployments
- ICT Policy development and implementation
- Systems Security, Audit and quality assurance
- Train users on various electoral systems.

## **2007 – 2012 Networks and Datacenter Administrator (Senior Officer) Jomo Kenyatta University of Agriculture and Technology (JKUAT)**

- SAP –FICO, HRM, FSCM Implementation and Management;
- Manage and Administer University Data center;
- Business analysis and requirement specifications;
- Part –Time lecturing: Operating systems, Networking and Systems security;
- Network security –Firewall, IDS, IPS;
- LAN /WAN management and Support;
- Implement systems security, Train users and manage user access levels;
- Technical Lead on ICT Projects and contracts execution;
- ICT policy formulation and Implementation.

## Special Assignments

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- 2016 Appointed and gazetted by Cabinet Secretary Ministry of Sports, Culture and the Arts as **Assistant Head of ICT** of the Local Organizing Committee (LOC) of IAAF World U18 Nairobi 2017 Championships Kenya. **Gazette Notice No 5557 of July 22, 2016**. The role involves developing of ICT policies and strategy and advise the Local Organizing Committee and the Steering Committee on Technological requirements for hosting the event.
- 2017 Appointed Education committee Member ISACA Kenya chapter: The role involves research on emerging Cybersecurity trends and organize sensitization for Chapter member
- 2018 Appointed Education Chairman and Member ISACA Kenya chapter: The role involves leading Committee members in research on emerging Cybersecurity trends and organize sensitization for Chapter member

## REFEREES

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<b>Mr. Preston Odera</b> Chief Executive Officer ISACA Kenya Chapter, Vision Plaza 3rd Floor Suite 4 P.O Box 10384 – 00100 Mombasa Road, Nairobi, Email: <a href="mailto:podera@isaca.or.ke">podera@isaca.or.ke</a> <b>Cell No:</b> 0722771478	<b>Mrs. Hellen Wasike</b> A.g Director Corporate Services Kenya Trade Network Agency P.O Box 36943-00200 Nairobi Email: <a href="mailto:hwasike@kentrade.go.ke">hwasike@kentrade.go.ke</a> <b>Cell No.:</b> 0727873810
<b>Prof. Wafula Muliaro</b> ICT Director/IBM Research Director Jomo Kenyatta University of Agriculture and Technology(JKUAT) P.O Box 62000-002 Nairobi. Email: <a href="mailto:muliaro@icsit.jkuat.ac.ke">muliaro@icsit.jkuat.ac.ke</a> <b>Cell No.:</b> 0721404317	<b>Mr. Lawrence Monda</b> ICT Manager National Museums of Kenya P.O. BOX 40658- 00100 Email: <a href="mailto:lmonda@museums.or.ke">lmonda@museums.or.ke</a> <b>Cell No.:</b> 0718570439