



PERSONAL INFORMATION **Fatima Saad Saeed Farah**

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WORK EXPERIENCE

02/01/2021–Present

Public Key Dept. Manager

National Authority for Digital Certification, Khartoum (Sudan)

- Develop and implement policies and procedures for Public Key Infrastructure PKI
- Managed configuration, deployment and operational support of FIPs 3 enabled Hardware security modules (HSMs).
- Issuing all types of certificates.
- Revoke, or suspend certificates if necessary and publish CRL.
- Administering, operate and maintenance for all hardware and software belong to PKI project
- Work on developing national public key structure systems by adopting the available solutions and adapting them according to the needs of National Authority for Digital Certification NADC.
- Contribute to the activation of sessions awareness for NADC services
- Evaluation of systems and equipment and the development of means of encryption and digital signatures in accordance with international standards.
- Coordination with the Projects Department to classify and arrange projects according to the priorities to be established in the future and approved in a plan of NADC.
- Writing reports show current situation to CTO.
- Evaluating the staff in the department quarterly.

01/06/2019–31/12/2020

Senior Network Security Engineer

National Authority for Digital Certification, Khartoum (Sudan)

- Responsible for a designated set of network security tools and the security functionality of these tools, such as web application firewalls, intrusion detection systems, and web proxies.
- Responsible for keeping as-build documentation up to date.
- Responsible for maintenance and monitoring of security systems.
- Experience as a backline escalation contact with demonstrated ability to quickly troubleshoot network.
- Build and configured managed PKI for PrimeKey solution.
- Experience designing and implementing solutions with PKI
- Knowledge of PKI hardware and token issuance support services.
- Proven experience managing mature technical and non-technical staff and teams

01/09/2014–30/05/2019 - Knowledge of risk management practices, general security methods and approaches
Network engineer
National Information Center, Khartoum (Sudan)
- Managed networking environment by designing system configuration; directing system installation through 3rd party partners; defining, documenting, and enforcing system standards.
- Managing ministries sites in national network project.
- Performed network monitoring, analysis and tuning.
- Installing mail system.

11/02/2006–10/10/2010 **Security Analyst Engineer**
Canar Telecommunication company, Khartoum (Sudan)
- Installed security measures like firewalls and data encryption programs to protect systems and information infrastructure.
- Weekly security awareness for staff.
- Monitored computer networks for security issues and investigated security breaches and other cybersecurity incidents.
- Collaborated with the security team of 5 to develop security policies, perform tests and uncover network vulnerabilities.
- Wrote weekly KPI report.

Certification AND TRAINING

28/12/2021 – 28/12/2023 **NSE4 Network Security Professional**

Certificate validation Number upAJckO9f3

22/02/2016–29/02/2016 **ITIL v3 foundation**

Koenig Institution, Deli (India) – 2016 - Certified

- Service strategy, design, transition, operation and continual service improvement.

01/12/2014–30/12/2014 **RedHat course**

SudaCAD Institution, Khartoum (Sudan)

- Red Hat servers (Mail, DNS, NFS, Samba and Web)
- Red Hat Permission (Root and User)

PERSONAL SKILLS

Languages

- Arabic
- English

Technical skills:

- Good MS office, MS Windows (server 2012 – 2016)
 - Good dealing with UTM's (Cisco – GateProtect – Sophos – Huawei - Fortigate).
- Utimaco HSM
- Virtualization (ESXI VMware – Vbox)
- Security audit tools (Kali Linux)
- Unix (FreeBSD) Linux (CentOS – Red Hat – Ubuntu – Debian)

- Organizational / managerial skills - Planning, Communication, Decision making, delegation, problem solving and motivation
- Leadership (currently responsible for a team of 3 people)
 - Good organizational skills gained as documentation writing
 - Volunteer trainer in workshops
 - A member of SDNOG (Sudan Network Operators Group) organization.