

Azzam Ahmed Hamoda

Information Security Engineer

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CAREER SUMMARY

Versatile, enterprising, dynamic, enthusiastic Information Security Engineer with +7 years of rich experience in information security, Linux system administration, programming and network. Comprehensive engineering knowledge and the skills of all the aspects of information security plans and policies, designing secure networks, systems and application architectures, respond to security breaches, Implementing protections tools and technologies (firewall, IDS, IPS, SIEM), Penetration Testing and Security Assessment.



CAREER OBJECTIVE

Seeking a challenging position in a professional foundation to utilize qualifications and seven years of information security engineering experience then deliver outstanding results by ensuring proper flow of information security activities at the foundation and across all stages of projects.

Areas of Interest: Penetration Testing, Security Assessment, server's security ensuring, managing and configuring firewall devices, configuring intrusion detection system (IDS), developing information security plans and policies, designing secure networks, systems and application architectures.

SKILLS

- Penetration Testing and Security Assessment
- Insight into the expectation of security vulnerabilities
- Knowledge of OWASP Top 10, SANS Top 20 and industry standard security best practice.
- Linux System Administration and Engineering
- Shell Scripting programming (Bash Script)
- Leadership skills instinctively
- Web APPs programming (PHP, ASP.NET) + Design (JS, CSS3, HTML5)
- Desktop APPs Programming (VB.NET) with (MS SQL Server) Database
- Open source web app development (WordPress, Joomla, Vbulletin etc.)

PROFESSIONAL EXPERIENCE

System | Security Engineer, Feb 2019 to date
Continental Jet Services - FZC (Sharjah, UAE)

Key Responsibilities:

Cyber and Application Security.
Vulnerability Assessment and Penetration testing of application, system, servers, network devices.
manage and maintain or install a mixed server environment (Windows/Linux), ensuring 99.9% or better up-time.
Evaluate, monitor and enhance IT infrastructure with an emphasis on availability, reliability, scalability, security, data confidentiality and system integrity.

Information Security Engineer, December 2017 to August 2018
National Ribat University (Khartoum, Sudan)

Key Responsibilities:

Develop information security plans and policies
Implementing WAF (ModSecurity) for web-based servers
Configuration Hardware firewall (ASA and StormShield)
designing secure networks, systems and application architectures
penetration testing, simulating an attack on systems to find exploitable weaknesses.
Monitor networks and systems for security breaches, through the use of software that detects intrusions and anomalous system behavior.

Information Security Engineer & Linux Servers Administrator, March 2012 to date
Hostuszone (Khartoum, Sudan)

Key Responsibilities:

Setup and establishing new Linux web servers (apache, PHP, MySQL, CPANEL, ...etc.)
Install and configuration server's firewall and intrusion detection system (IDS)
Ensure servers security, backup process and monitoring logs files.
Penetration Testing and Security Assessment

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PROJECTS

Sudan Sport City Olympic Stadium's Electronic Doors (From Sep-2017 to date):

Client: Sudan Sport City

Nature of Employment: Contractual

About Project:

Sudan Sport City Stadium is the biggest football stadium in Sudan that can accommodate 65000 spectators, The Stadium has 65 doors that need full electronic system to manage process of order tickets, completing payment online and process of fans entering from automatic doors using electronic tickets or QR code.

Responsible of:

I held a position of (information security engineer and Linux server administrator).

I am responsible of managing and securing two servers (one is central server linked with all electronic doors) and (second is webserver for tickets selling and payment process linked with central server - contain website and part of android system), also responsible to security of software's (4 software) - 2 web based and 2 desktop applications, and securing communication between software (API).

EDUCATIONAL AND PROFESSIONAL CERTIFICATES

- EC-Council Certified Security Analyst (ECSA V9)
- Certified Ethical Hacker (CEH V9)
- Certificate Information System Security Professional (CISSP - Certificate of Participation)
- **Red Hat Linux System Administrator 3** (Certificate of Participation)
- **Red Hat Linux System Administrator 2** (Certificate of Participation)
- **Red Hat Linux System Administrator 1**
- Bachelor of **Computer Science (Honors)** - University of Gezira (Sudan).

ACHIEVEMENTS

Creation of Hostuszone:

Hostuszone is a solution for cheap and reliable websites and servers hosting **Found by me** (Owner).

our website supports electronic payment (credit card) and the website is fully automated, we have a large group of customers from several countries around the world. I also signed a contract with several distinguished parties in Sudan to host their web sites in our servers (eg, the University of the Holy Quran and the Foundation of Science - Ministry of Physical Planning and Public Utilities - Ministry of Education). <https://www.hostuszone.com/>

Discover Several Security Bugs

I discovered security vulnerabilities ranging from low to very dangerous, most notably is a very high-risk vulnerability in a famous shopping web site that enabled me to access credit card data for 35634 customers (picture of proof: www.azzamahmed.com/exploit.png).

Online Announcement Board (web app)

Online Announcement Board is intelligent solution to replace university's traditional announcement board using website designed to manage college announcements and make access easier for students to view new announcements, with a teacher's user-friendly dashboard designed to make it easier for them to post a new announcement (fully automated).

SMS has also been used within the system to ensure that urgent announcements will be delivered to students in a short time. Link: www.fmcs-oab.com.

PERSONAL INFORMATION

Nationality: Sudanese

Languages: English, Arabic

Date of Birth: 01/10/1991

Driving License: Available

Marital Status: Single

References: Available on request