

Ibtihal Asim Ali

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EXPERIENCE

IT Auditor

National Audit Chamber | Information Systems Audit Management

Jan 2017 - Present

Assess about 30+ IT departments in the governmental entities, such as, National Institutions, Banks, Ministries, Universities, Companies, Industries.

IT auditing focus on 5 subjects, which are:

- **General Control:** Evaluate 50+ IT Hardware / Software; Physical & Logical / Remote Access control, IT service continuity, Incident Response, Environmental controls, information security policy and procedures.
- **Network:** Assess CISCO operating system settings for 40+ Routers and Firewalls in LAN/WAN environments.
- **Microsoft Active Directory:** Review 20+ domain policies, system documentation, managing procedures, user and groups management and Security settings, Computers polices.
- **Database:** Check 5+ databases' management level access to analyze the segregation of functions, logging, passwords, database version update.
- **IT Governance:** Evaluate 20+ IT strategic plan, steering committee, and functional structure and informed senior executives about the weaknesses.

In 2021, assigned temporary for 6 months by General Auditor Deputy to supervise the Audit Universe System, which contains information about 500+ governmental institutions' IT infrastructure.

Coached and led one junior employee to maintain the system.

In the same year, evaluated -within a team- a SWIFT system to a bank for 15 mandatory controls according to the international standards.

Freelancer Graphic Designer

IDesigns

Jan 2022 - Present

- Founded a business which has 5+ design services like, Logos and Business cards, Advertisements, Brochures, Posters, Invitations, Design Presentations & Brand Identity.
- Design a Curriculum Vitae for 5+ and checking ATS (Applicant Tracking System) specifications.
- Create visuals like, Illustrations and icons for Web pages and Infographics for Social Media campaigns.

Page links: www.facebook.com/IbtihalDesigns, www.instagram.com/IbtihalDesigns/

IT-Support Engineer

National Service | Electronic Banking Services Company (EBS)

Nov 2011 - Nov 2012

- **Net Electronic Clearing Cheque department (NECC):** Performed a User Acceptance Testing (UAT) for new system which used by 30+ banks. Provided telephone support to resolve technical issues for banks.
- **Card Personalization department:** Checked the new cards' validation for 100+ cards per day.

EDUCATION

Master of Information Security

University of Khartoum | Faculty of Mathematical Sciences | Khartoum, Sudan

Mar 2017

Graduation project: Applying Image Steganography in WhatsApp.

Bachelor of Information Technology

University of Khartoum | Faculty of Mathematical Sciences | Khartoum, Sudan

Aug 2011

Graduation Project: Mobile Enterprise Resource Planning (Mobile ERP) Application for Small Enterprises.

PUBLICATION

Paper title: “*A Novel Approach to Information Hiding Technique using ASCII Mapping Based Image Steganography*”. Journal of Information Hiding and Multimedia Signal Processing (JIHMSP), Volume 12, Number 2, Jun 2021. **Paper Link:** <https://dblp.org/rec/journals/jihmsp/ElshoushAMA21.html>

LANGUAGES

- Arabic Native
- English Professional

SOFT SKILLS

- Willingness to Learn
- Information Analysis
- Documentation & Reporting
- Teamwork & Leadership
- Graphic Designing & Video Production
- User Management & Customer Liaison

HARD SKILLS

- **Operating Systems:** Windows | Linux
- **Databases:** Oracle | SQL server | MS Access
- **Programming Languages:** HTML | CSS | C++ | JAVA | J2ME | PHP
- **IDE programs (Integrated Development Environment):** Eclipse | NetBeans
- **Designing and voice Programs:** Adobe Photoshop | Adobe Illustrator | After Effects | ImageReady | Flash–MX.
- **Microsoft Office:** MS Word | MS PowerPoint | Excel

ACTIVITIES

- Annual WGISTA Seminar titled “**AI, Innovation, Governance and Auditing: Challenges and Opportunities**”. Abu Dhabi, UAE. Dec 2022
- Online Conference “**Big Data and the Impact on Reports**”. National Audit Chamber. Khartoum, Sudan. Jan 2021
- **AFROSAI-E** (African Organization of English-speaking Supreme Audit Institutions) Workshop “**IT Risk Assessment**”. Khartoum, Sudan. Apr 2018

COURSES & TRAINING

- Websites Design & Development Course | Bayader Oxford Center for Training Sep 2015
- Red Hat Linux Essentials Course | Edupet Technology Center Mar 2015
- Cisco Certified Network Associate (CCNA) | Edupet Technology Center Feb 2015
- Microsoft Certified Solutions Associate (MCSA) | Edupet Technology Center Feb 2015
- Al Nile Bank, Training in IT Department. Network, Database workflow. Nov 2014
- English course (grammar & conversation) | The Royal College of Polytechnic Studies Nov 2013
- National Bank of Abu Dhabi, Training in Customer Service Department. Cheques first line support Sep 2013
- Enterprise Resource Planning (ERP) System | Exemplar Center for Engineering Training & Career Development Apr 2013