



Contact Information

Name: Issameldin Abbas Ahmed Abashar
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languages

- Arabic excellent.
- English excellent.

Skills

- Team leadership.
- Conflict resolution.
- Strong verbal communication.
- Active listening.
- Creative problem solving.
- Work under pressure.
- Resources optimization.
- Knowledge, Practice and experience in programming languages(C#,VB.net, Java, Python, R).
- Data-oriented decision making.

Dr. Issameldin Abbas Ahmed

Data Analytics Expert | Security Sector Reform (SSR) Specialist | Digital Transformation Strategist

Highly regarded regional and national expert in Information Technology, Data Management, and Advanced Analytics, with a proven track record of applying data-driven methodologies to Security Sector Reform (SSR) and conflict analysis . Combines deep technical expertise in Civil Registration, Digital Identity, and biometrics with strategic leadership in change management, IT governance, and post-conflict resilience. Experienced advisor to international bodies including the World Bank Group.

EDUCATION

PH.D. COMPUTER SCIENCE, SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, 2019.

MASTER OF SCIENCE, COMPUTER SCIENCE, ELNILAIN UNIVERSITY, 2003.

HIGH DIPLOMA, COMPUTER SCIENCE & INFORMATION TECH., ELNILAIN UNIVERSITY,1999.

HIGH DIPLOMA, POLICE SCIENCE, POLICE COLLEGE, 1992.

BACHELORS, STATISTICS, JUBA UNIVERSITY SCHOOL OF ECONOMICS,1990.

Experience

Independent Advisor in Information Technology and Data Analysis from Jan 2024 – Now.

- Digital Transformation: Advising organizations on leveraging technology to enhance efficiency, transparency, and service delivery.
- Data Management & Analytics: Designing and implementing data-driven systems for evidence-based decision-making.
- Digital Identity Systems: Experience in developing and advising on national and institutional digital ID frameworks (including engagement with the World Bank Group).
- ICT Strategy & Governance: Leading initiatives to modernize IT governance structures and align them with organizational objectives.
- Public Sector Innovation: Supporting ministries and civic organizations in adopting digital tools for

coordination, humanitarian response, and public administration.

- Capacity Building: Mentoring teams on ICT policy, data literacy, and digital system management.
- Project Leadership: Proven track record managing large-scale IT and data projects across public and nonprofit sectors.

Short Term Consultant STC, World bank Feb 2024-Jun 2024

- Provide strategic direction for digital identity projects.
- Evaluate and assess policies, standards, and procedures to ensure consistency, security, and compliance with identity regulations.

Director General, Information Technology and Digital Transformation ITDT, MOI, SUDAN Dec 2021-Feb 2023

- Plan, Manage, supervise and implement the MOI major software and platforms including but not limited to; National Civil Registry and identity system, Sudan Police Health Services SPHS, Migration Management, Command and Control Digital Unit.
- Provide strategic direction for the IT department, aligning technology initiatives with the overall goals and objectives of MOI.
- Develop and implement IT policies, standards, and procedures to ensure consistency, security, and compliance with relevant regulations.
- Develop and manage the IT budget, allocating resources to projects that support the ministry's mission and priorities.
- Identify and evaluate emerging technologies that can enhance the ministry's capabilities and lead initiatives for technological innovation.

Consultant, Inter-Ministerial Council, Sudan Family Support Program, Oct 2019-Sep 2020

- As a technology leader within the government for the Sudan Family Support Program SFSP, supervised the development of the enrollment and registration platforms, deduplication controls, selection criteria, and digital payments integration.

- Supported key Ministerial decisions and served as acting head of the Digital Economy Agency within the Ministry of Finance (2020).
- Member of the digital payments committee headed by the minister of finance and economic planning to draw the long-term vision for the future of digital and smart transformation in the financial sector.

Head of ICT, Sudan National Civil Registry Jul 2015- Oct 2019 and from Sep 2020 – Dec 2021

- Technology Strategy: As the head of ICT, responsible for developing and implementing the technology strategy for the Civil Registration Department.
- System Development and Management: Oversee the development, implementation, and maintenance of the ICT systems used in civil registration.
- Data Security and Privacy: Establish and enforce data security policies and practices, implement appropriate access controls, and comply with relevant data protection regulations.
- Infrastructure Management: Ensure the infrastructure is reliable, scalable, and properly maintained to support the registration process and meet the department's needs.
- Collaboration and Integration: Coordinating with other government agencies, such as healthcare facilities, marriage registries, and other relevant departments, to ensure smooth data exchange and interoperability.
- Training and Support: Organizing training programs, creating user manuals and documentation, and ensuring that the staff has the necessary technical skills to utilize the systems efficiently.
- Budgeting and Resource Management: Planning and justifying technology investments, optimizing resource utilization, and ensuring cost-efficiency while meeting the department's ICT needs.
- Continuity Planning and Disaster Recovery: Backup and recovery strategies, redundancy measures, and regular testing of disaster recovery plans.

Data Center Manager, Sudan Civil Registry April 2005 – Jul 2015

- **Facility Management:** Maintaining and monitoring the controlled environment for cooling, power supply, and physical security to ensure optimal performance and uptime.
- **Equipment Management:** Oversees the installation, configuration, and maintenance of data center equipment, including servers, storage systems, network switches, and other hardware.
- **Capacity Planning:** Assessing current and future needs, planning for expansion, and optimizing resource utilization to meet business requirements.
- **Performance Monitoring:** Monitoring the performance and health of the data center system via various tools and monitoring systems to track metrics like server utilization, network bandwidth, and power consumption.
- **Security and Compliance:** Implementing security measures, such as access controls, firewalls, and intrusion detection systems, to safeguard data and infrastructure in compliance with relevant regulations and industry standards.
- **Disaster Recovery and Business Continuity:** Develops and tests disaster recovery plans, including backup and restore procedures, to minimize data loss and downtime.
- **Team Management:** Lead the teams of technicians and engineers responsible for maintaining the facility and its systems.
- **Budgeting and Cost Management:** Forecasting expenses, tracking costs, and optimizing resource allocation to achieve cost-efficiency without compromising performance or reliability.

Publications, papers and Researches

- *Sudan Vital Events System*, Presentation to African Ministers responsible for Civil Registry and Vital Events, Addis Ababa 2010.
- *Civil Registry and Vital Statistics as a Tool for Improving Public Administration*, 2017.
- *Civil Registration Data as a Major Source for Population Statistics*, 2019
- *The Civil Registration System Challenges for the Authenticity and Security of Information*, 2019, Sudan University for Science and Technology.

- *The Role of Biometrics in Combating Terrorism* 2019.
- *Digital Crime New Trends*, paper presented at the Arabic Forum for Information Technology 2022.
- *From Clouds of Smoke to Data Cloud: a digital onboarding paper for Sudan conflict case* 2023.
- *Smart Economy a Gateway to Smart community (in Arabic)* 2023.
- *Advance Data Analysis as a basic Pillar for Smart Police (in Arabic)* 2023.
- *Digital transformation and its impact on the economic transformation in post-war Sudan* 2024
- *AI-Driven Multi-Modal Early Warning for Conflicts in Sudan: Leveraging Big Data for Precise and Timely Insights*, 2026
- *Data for Peace: Leveraging Digital Platforms for Humanitarian Response in Sudan*, 2026
- *The Augmented Path: Integrating Digital Liquidity and AI-Assisted Sectoral Support in Sudan's Crisis Response*, 2026
- *Technical Arrangements for a Sustainable Humanitarian Truce in Sudan: A Strategic Proposal for Multi-Layered and Phased Implementation*, 2026
- *The Essential Security Arrangements for a Successful Humanitarian Truce in Sudan*, 2026
- *Ensuring a Credible Humanitarian Truce in Sudan: A Unified Framework for Monitoring, Security, and Implementation*, 2026
- *From Competition to Integration: Reengineering Sudan's Peace Efforts*, 2026