


# Dr. Alaa Salih Aboud

## IT Professional & Academic Leader

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### Professional Summary

Accomplished **Information Technology Professional & Academic Leader** with a **PhD in IT** and over 10 years of expertise in **artificial intelligence, data analysis, academic leadership, and digital transformation**. Proven success in **leading academic institutions, supervising research, and integrating technology into higher education**. Recognized for **driving innovation, mentoring students, and delivering measurable impact** in both academia and the IT industry.

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### Core Competencies

#### Academic Leadership Focus

- Research Supervision & Scientific Publishing
- Training & Capacity Building (TOT Certified)
- Digital Transformation in Education & E-Learning Solutions
- Examination & Assessment Management
- Student Mentorship & Academic Guidance

#### IT & Technology Industry Focus

- Artificial Intelligence (AI) & Machine Learning (ML)
- Data Analysis, Data Mining & Predictive Analytics
- Programming (Python, SQL, Oracle, Java)
- Business Intelligence & Data Visualization (Power BI, Tableau)

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### Professional Experience

#### Dean – College of Computer Science & Information Technology

##### Port Sudan Ahlia University | 2025 – Present

- Directed the academic, administrative, and strategic activities of the College, serving 1,200+ students and 60+ faculty and staff.
- Introduced new IT programs and digital learning initiatives, increasing student enrollment by 35%.
- Led accreditation and quality assurance processes, ensuring compliance with national and regional higher education standards.

#### Head of Information Technology Department

##### Port Sudan Ahlia University | 2025 – Present

- Managed departmental operations, curriculum development, and faculty training for 20+ staff members.
- Enhanced research output by 30% through faculty mentorship and collaborative projects.
- Implemented digital tools and optimized resources, reducing administrative workload by 25%.

#### Lecturer – Computer Science & Information Systems

##### National University, Ibn Sina University, Red Sea University | 2020 – 2025

- Delivered core courses in IT, computer science, and information systems to 1,500+ undergraduate students.
- Consistently achieved student evaluation scores of 90%+, reflecting teaching excellence.
- Designed modern curricula aligned with industry needs, boosting graduate employability by 25%.

#### Head of Information Systems Department

##### Port Sudan Ahlia University | 2020

- Supervised academic and administrative functions for 500+ students.
- Launched new modules in cybersecurity and data analytics, meeting growing labor market demands.

#### Internal Examiner – Undergraduate Students

## Port Sudan Ahlia University & Partner Universities | 2017 & 2025

- Evaluated and examined 200+ undergraduate projects and theses, ensuring academic quality and rigor.

### Supervisor – Undergraduate Graduation Projects

#### Port Sudan Ahlia University | 2016 – 2025

- Supervised 120+ student projects, with several achieving publication in local and regional journals.

### Member – Online Application Committee

#### Port Sudan Ahlia University | 2017

- Contributed to the development of a digital student application platform, reducing application processing time by 60%.

### Website Supervisor

#### Port Sudan University of Science & Technology | 2017

- Maintained and optimized the university website, increasing online visibility and student engagement by 40%.

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## Education

- **PhD in Information Technology**, University of Omdurman 2025
- **Master's in Information Technology**, Sudan University of Science & Technology 2015
- **BSc in Information Systems**, Red Sea University 2009
- **BSc in Computer Science**, Al-Taghr Technical College 2005
- **Professional Diploma in Management**, American University 2001
- **Diploma in English Language**, English Cultural Institute 2021

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## Certifications & Training Courses

- International Computer Driving License (ICDL), University of Sudan 2019
- Oracle Programming, Al-Thuraya Institute 2018
- ADF & Web Logic, Iqraa Training Institute 2019
- Training of Trainers (TOT), Al-Thuraya Institute 2017
- Computer Maintenance, Red Sea University 2016
- Data Analysis Course 2023
- Python Programming, Edraak 2024
- Artificial Intelligence, Edraak 2024
- University Professor Development, Port Sudan Ahlia University 2017
- Academic Guidance, Port Sudan Ahlia University 2017

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## Awards

- **Recipient of the Academic Excellence Award, Al-Taghr - Technical College** 2004

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## Additional Information

- Languages: **Arabic (Native), English (Very Good)**
- Willingness to Relocate: **Yes**
- Availability: **Immediate**