

Curriculum Vitae

Personal Information

First name / Surname: Sawsan Mohamed Hamed Domi

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Personal Profile

Dynamic Sudanese architect with an M.Sc. in Renewable Energy & Architecture from the University of Nottingham, specializing in sustainable design and heritage preservation. Experienced in academia and professional practice, leveraging CAD, environmental simulation, and project management skills to drive innovative solutions. Dedicated to advancing sustainable urban development through climate-responsive and energy-efficient building initiatives. Passionate about inspiring sustainable architectural practices and fostering climate change awareness through active reporting. Engages in yoga for well-being and clarity of thought.

Work Experience

Senior Lecturer

University of Buraimi, Oman

December 2014 – Present

- Delivered lectures on architectural concepts, theories, and practices.
- Prepared course materials and engaged in curriculum development, advising, and mentoring.
- Chaired various committees and coordinated multiple university and community projects.

Committees:

- Chair, Graduation Ceremony Organizing Committee (2021–2024)
- Chair, Academic Week Organizing & Logistic Committee (2021–2024)
- Chair, COE Staff Professional Development, Affiliation & Linkage Committee (2022–2025)
- COE Representative, University Academic Council (2020/21)
- Chair, COE Alumni & Student Support Services Committee (2018–2022)
- Supervised graduation projects, including "Omani Women Association Headquarters" and "Rehabilitation Centre for People with Special Needs."

Senior Architect, Building Administration Department

Ministry of Planning, Khartoum State

June 2006 – November 2014

- Contributed to building code development, design studies, and sustainable building projects.
- Supervised building projects and collaborated on urban planning initiatives.

Senior Architect & Professional Valuer

Development Projects Supervision Unit, Khartoum State

June 2009 – March 2014

- Conducted real estate valuations and provided rehabilitation consultancy.
- Managed tenders and supervised development project implementations.

Architect

TAWABIG International Co. Ltd. for Real Estate Investment

September 2004 – May 2006

- Contributed to town mapping, residential designs, and major tower projects.

Architect

EPAC (Engineering Planning & Architectural Consultant) Office

March 2003 – August 2004

- Designed for rural development programs, mosques, and educational facilities.

Teaching Assistant (Part-time)

Emirates College of Technological Studies, Khartoum, Sudan

Academic Year 2005-2006

Teaching Assistant (Part-time)

University of Khartoum, Sudan
August 2002 – May 2004

Education

M.Sc. in Renewable Energy & Architecture

University of Nottingham, UK
September 2010 – December 2011

- Thesis: Conceptual design of low-energy consumption housing in Khartoum.
- Awarded the PECK Scholarship.

B.Sc. in Architecture

University of Khartoum, Sudan
March 1997 – July 2002

- Graduation Project: Trade & Business Centre Design.
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Research and Conferences

- Member, “Green Panther – Supporting Women in Climate Reporting” (2024–2026)
 - *Revitalizing Cultural Heritage: Social Advantages of Architectural Preservation* — ICCAUA2024
 - *Dialectic Relationship between Urban Pattern Structural Methods and Construction Materials in Traditional Settlements* — ICHAD 2023
 - Historical Harat Hamasa Documentation — Ministry of Heritage and Tourism, Buraimi, Oman
 - *Reducing Environmental Impacts of Glass in New Buildings in Khartoum* — CASE 2017
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Professional Training

- *GIS Mini Master* — Oct–Dec 2024
 - *Mobile Journalism: Producing Social Media Videos* — Oct 2024
 - *Structural Conservation of Built Heritage* — Oct–Nov 2024
 - *Climate Solutions Journalism* — Sep 2024
 - *Energy Efficiency in Buildings* — Saudi Energy Efficiency Centre, Dec 2022
 - *Academic Writing & Publishing Skills Diploma* — Nov 2021
 - *LEED AP BD+C Exam Preparation* — Nov 2020
 - *Renewable Energies* — Energy Research Centre, Khartoum, Sep 2012
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Skills and Competencies

- **Software Proficiency:** AutoCAD, Revit, Lumion, Adobe Illustrator, Adobe Premiere, Autodesk Ecotect, ANSYS Fluent, PVSYST, Energy Plus, Design Builder, GIS, BIM, Microsoft Office Suite.
 - **Languages:** English (Very good), Arabic (Mother tongue).
 - **Additional Skills:** Research and Development, Adaptability, Communication, Mentoring, Leadership, Continuous Learning, Team Collaboration, Time Management.
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Professional Memberships

- Member, International Association of Engineers (IAENG) — Since June 2018
 - Member, World Society of Sustainable Energy Technologies (WSSET) — Since August 2018
 - Member, ARID Scientific Platform — Since July 2020
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Volunteering and Extracurricular Activities

- Member, Sustainable Oman — Since October 2020
- Member, Sudan Sustainable Building Council — Since September 2020
- Member, Sudan Urban Development Think-Tank (SUDTT) — Since April 2019