

## Curriculum Vitae



### Personal information:

**Nama:** Manar Maysara Mustafa  
**Date of birth:** September 4<sup>st</sup>, 1996  
**Nationality:** Sudanese  
**Mobile:** +249912656702  
**Email:** manar199628@gmail.com

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### Education:

- **B.Sc. Civil Engineering, (with Honors), First Class, CGPA 7.76, (2012- 2017)**  
Faculty of Civil Engineering, University of Khartoum, Sudan.
  - **Sudanese General Secondary Education Certificate, (2009 –2012)**  
Secondary school: Khartoum Model School for Girls, Khartoum, Sudan.
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### Professional Experience:

- **Assistant Researcher, Hydraulic Research Center, HRC – Ministry of Irrigation and Water Resources (June 2021 – Present)**

#### **Detailed Tasks Assigned:**

- **Project 1:** Digital and update map of Gezira irrigation scheme at minor's level using QGIS & ArcGIS.
- **Project 2:** Calibration of Hydraulic structure at Gezira irrigation scheme
- **Project 3:** Assessment of the cropping area of El-Gezira, Es-suki, Elrahed irrigation schemes using remote sensing.
- **Project 4:** Selection of pump location for Al-shaab Agriculture scheme.

- **Technical Office Engineer, Target for Developed project Co.Ltd (Feb 2020 – Present)**

#### **Detailed Tasks Assigned:**

- **Project:** Construction of KALAKLA Road / DABASIN Bridge Flyover Bridge, the project divided into structure works (3 raft foundations, 2 abutments wall, 6 pier columns, 2 columns head, 24 steel girders, deck slab, retaining walls and MSE walls) and road work (2.1 kilometer road, 4 loops and 2 ramps)(Feb2020 – present):
  - Preparing Shop drawings and as-built drawings for bridge elements.
  - Preparing bar bending schedule and construction methodology to consultancy for approval.
  - Quantity survey.
  - Prepare the project Schedule using MS project.
  - Prepare the project cash flow.
  - Preparation of daily, weekly and monthly reports.
  - Preparation of payments and escalation payments.
  - Provide technical support to the Works & Services at the site.
  - Coordinate and manage resources to ensure projects are of a high quality and completed within financial and time parameters.

- Coordinator between technical office, consultant office and site.
- Document controlling.

➤ **Technical Support Engineer NAMA for pile Co.Ltd (Nov 2019 – Feb.2020)**

**Detailed Tasks Assigned:**

- Design of flat slab and prepare BOQ of NAMAA's camp at Baleela, Darfur.
- Participating on providing technical and commercial proposal for tenders.
- Preparation of daily and weekly reports of the projects.
- Document controlling.
- Preparation of projects payments.
- Preparation of the projects team incentives.
- Participant at Sudan construct show, as an exhibitor for the company works.

➤ **Civil Engineer Dar consult for infrastructure, Roads and Bridges Department (Nov 2017 - July 2019)**

**Detailed Tasks Assigned:**

- Review the hydrological reports of the road design.
- Site engineer for Al-Eliafoon Bridges.
- Design review for Al-Mac Nimir ramps substructure.
- Participating on design and drawing of substructure of Al-damazin-gessan road bridges.
- Drawing of bridge details using AutoCAD Software.
- Preparation of bridges construction stages monthly reports.
- Review Contractor submissions, shop drawings and calculations.
- Reviewing Contractor payments.
- Participating on providing the technical and financial proposal for tenders.
- Reviewing construction stages follow-up ISO forms for Quality Control.

**Training & courses:**

- **Training course on Quality Management System in according with ISO 9001/2008** - Dar consult (Nov.2017).
- **Training course in Primavera P6 Project Management** - Engineering Training & Professional Development Program, ETPDP (8 - 18, Aug.2018).
- **Internship in Hydraulic Research Center, HRC** - Ministry of Water Resources & Irrigation, Wad Medani, Sudan (July-Sep.2019).
- **Integrated Water Resources Management (Online)** - organized by Japan International Cooperation agency (JICA) Knowledge Co-Creation Program KCCP, (Nov-Dec 2021).
- **Diploma course on Hydraulic Engineering in River Basins** - Hydraulic Research institute HRI, Ministry of Water Resources & Irrigation, Arab republic of Egypt (Dec 2021-Feb 2022).

**Programs Skills:**

AutoCAD 2D & 3D design	Microsoft Office Programs (word, Excel, Power point)
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ETABs	MS Project
ArcGIS and QGIS	Primavera P6

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### Personal Skills:

- Passionate person to learn new info even to apply it, Ability to learn fast, Flexible and Attention to Details.
  - Language: Arabic (Mother Tongue), fluent written and conversational
  - English: second language, good user.
  - Good Communications Skills.
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### Reference:

<p><b>Prof. AboObida Babiker Ahmed</b>  General Director,  Hydraulic Research Center, HRC – Ministry of  Irrigation and Water Resources  Tel: +249900400404  <a href="mailto:hrc_abdo@hotmail.com">hrc_abdo@hotmail.com</a></p>	<p><b>Eng. Mazza Elfatih</b>  Projects coordinator and HR manager,  NAMAA for Infrastructure Co.Ltd.  Tel: +249912181982  <a href="mailto:maazza.elfatih@gmail.com">maazza.elfatih@gmail.com</a></p>
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