

GABRIEL SEGUN AKINTOLA GMNSE

Civil (Structural) and Water Resources Engineer

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PROFILE

A Civil (Structural) and Water Resources Engineer with a 4-year track record in structural engineering, WASH projects, advocacy for adhering to engineering standards in construction, and team leadership. I bring a robust blend of technical expertise and leadership acumen, honed through years of successfully delivering Structural and water structure designs. My zeal is pushing the boundaries of structural design while ensuring practicality, health, safety and economy.

PORTFOLIO: https://www.linkedin.com/posts/gabriel-segun-akintola_portfolio-of-a-few-completed-worksand-ugcPost-7492607646051635200-nuMk/?utm_source=share&utm_medium=member_desktop&rcm=ACoAAD7YM14B1n9eSbgll4Z2cAmO8j8RkhkElHI

CORE HARD SKILLS and CERTIFICATION

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|---------------------------|--------------------------|------------------------------|
| • AutoCAD Software | • Grunfos Application | • Autodesk Robot software |
| • ProtaStructure Software | • Microsoft office suite | • Reading structural drawing |
| • StaadPro Software | • Google Earth Pro | • Autodesk Revit |

RELEVANT EXPERIENCE

❖ WATSAN Officer (NE Maiduguri Base)

Solidarites International | February 2025 till present | Maiduguri

Responsibilities

- **Implementation & Supervision of WASH and Shelter Activities** – Plan, organize, and supervise WASH and Shelter construction/maintenance, ensuring adherence to Solidarités International standards, safety measures, and community engagement.
- **Technical Assessments & Documentation** – Conduct site assessments, develop technical files (BoQs, drawings, scope of work), manage material supplies, and oversee contractors and workforce.
- **Training & Community Participation** – Train workers, community members, and beneficiaries on proper facility use while promoting community involvement in WASH and Shelter activities.
- **Reporting & Coordination** – Maintain records, report project progress, and communicate with team leaders, local authorities, and communities to ensure project alignment with needs.
- **Representation & Compliance** – Represent Solidarités International at local levels when required, ensure adherence to safety, security, and humanitarian principles, and participate in evaluations and lessons learned workshops.

SOME ACHIEVEMENT THUS FAR

- CAD designer for technical drawing of WASH/ELTER infrastructures.
- Supervised the construction of 125 Birkaroon latrine in Masahamari and 10 in boarding school camp, Host community, Konduga.
- Supervised Major rehabilitation of 13 blocks of 4+2 communal latrine in Boarding School camp, konduga.
- Capacity building of 8 carpenters and 20 weavers on Bamboo and usage for emergency shelter construction in Boarding school camp, Konduga.
- Build capacity of BH operators on Chlorine and Chlorination of water for disinfection in Boarding school camp and Mashamari Host Community including FRC check using DPD1 and Pool tester.
- Supervised major rehabilitation of Borehole in Mandarari Host community and built capacity of Borehole operator and residents on Chlorine and Chlorination of water including free residual chlorine check using DPD1 and Pool tester.

- Conducted numerous focus group discussions in boarding school camp, Mandarari and Mashamari in order to get feedbacks on proposed interventions or interventions carried out.
- Supervised Local drainage construction with installation of sandbag as drainage lining in boarding school camp 2025.
- Ensuring 100% chlorination of all boreholes in boarding school camp, Konduga.
- Capacity building of community hygiene promoters on 3R methods of solid waste management.

❖ **FREELANCER STRUCTURAL DESIGNER AND SUPERVISOR**

Gabs4ces Engineering and Solutions | June 2021 till present | Maiduguri

Responsibilities

- Usage of Structural design and analysis software to design, analyze and detail building structures and WASH Facilities/Structures
- Consultancy for Supervision, M&E of structural or water projects constructions
- Consultancy and contractor services for Structural works.
- Manual Detailing of Slabs and Staircase using AutoCAD.
- Advocacy for necessity of clean and portable water and hygiene.
- Preparation of BOQ and Project Management.

❖ **CIVIL ENGINEER Intern**

RODBOLA Concept | November 2021 – December 2022 | Maiduguri

Responsibilities

- Assisted in supervising the construction of a major teaching hospital, focusing on the integration of effective water and sanitation systems.
- Conducted site inspections to ensure compliance with design specifications and safety standards.
- Collaborated with senior engineers to resolve on-site challenges and optimize construction processes and Supervised 40+ construction Craftsmen on site.

❖ **HUMANITARIAN MAPPER**

Ecosmart Cities | February 2024 – June 2024 | Maiduguri

Responsibilities

Addressing environmental degradation, limited resources, inadequate infrastructure, public health concerns, and economic inequalities through a comprehensive, open data and mapping.

EDUCATION

★ **Bachelor of Engineering (B.Eng.) – 2024**

Civil and Water Resources Engineering | Second Class Upper Division | UNIVERSITY OF MAIDUGURI

★ **National Diploma (ND) – 2016**

Civil Engineering Technology | RAMAT POLYTECHNIC MAIDUGURI

★ **SSCE (WAEC) – 2014**

Maiduguri International School (Educational Trust)

★ **First School Leaving Certificate – 2009**

Baptist Nursery and Primary School

PERSONAL ATTRIBUTE

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|---|--|
| ✓ Excellent Communication and analytical skills | ✓ Excellent Team Player |
| ✓ Great Interpersonal Skills | ✓ Can Work with Little or No supervision |

Membership: Nigerian Society of Engineers (Graduate member)