

MUHAMMAD HABIB

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Plot45 road4 phase4 garki, Abuja



Objective

"Dedicated building engineer with expertise in structural design and sustainable construction, seeking to apply advanced BIM proficiency and innovative problem-solving to deliver safe, efficient, and eco-friendly projects.



Experience

Brains and Hammers

2015 - 2018

Builder

Brains and Hammers galadimawa estate, where the following were executed:

- Supervised full-lifecycle structural construction for a multi-block estate comprising 4–5 storey mid-rise residential structures.
- Oversaw deep and shallow foundation works (raft and pad foundations) tailored to load-bearing requirements for multi-storey frames.
- Managed formwork installation, rebar tying, and quality checks for cast-in-situ reinforced concrete (RC) elements, including columns, beams, suspended slabs, and staircases.
- Directed continuous concrete pouring operations, managing boom pumps, vibrators, and batching logs to prevent cold joints across elevated floor slabs.
- Coordinated multi-trade workflows across simultaneous building blocks, managing steel fixers, carpenters, masons, MEP technicians, and plasterers to eliminate site bottlenecks.
- Maintained master construction schedules (Gantt charts), aligning sequence of work across ground-to-roof progression across the blocks i was assigned to.
- Conducted daily site briefings and toolbox talks for a workforce of [50+] site operatives and specialist subcontractors.
- Enforced structural drawing compliance, verifying rebar schedules (BBS), concrete cover block spacing, and slab thickness prior to concrete pours.
- Liaised with structural engineers, site architects, and municipal building inspectors to secure sign-offs at crucial milestones (foundation, slab pours, and structural frame completion).
- Managed vertical transportation logistics (hoists, mobile cranes, scaffolding erection) for safely moving heavy materials to upper levels (4th and 5th floors).
- Tracked bulk material inventories (cement, rebar, gravel, formwork timber) to maintain zero site downtime while keeping material wastage below 3%.
- Implemented perimeter fall protection, edge guards, safety netting, and PPE enforcement for high-elevation works, maintaining a zero-fatality/LTI safety record.



Skills

Leadership
Team work
Communication
Time management
Computer literacy



Reference

Arc. Hussain Salihu - Arc+web limited
M.D C.E.O
08061274861

**Dr. Ibrahim Gambo - Abubakar Tafawa
Balewa university**
H.O.D Building department
08036925142

**Arc. Usman Aliyu Yarima - Al-tinarch global
investment**
M.D C.E.O
08034530536

Mesotho groups limited

2019 - 2021

Building engineer

In the construction of kugbo international market I conducted:

- Directed earthworks, site grading, storm drainage, utility networks, and heating commercial site to handle high-volume vehicular and pedestrian traffic.
- Coordinated complex Mechanical, Electrical, Plumbing (MEP), and HVAC/F industrial cold rooms, backup power grids, and high-load commercial distribution
- Supervised civil and structural works across diverse building designs simultaneous floors, multi-tier terraced shops, modular lock-up units, and reinforced vault
- Implemented high-density public safety standards, integrated industrial fire bank-grade physical security specifications and municipal zoning codes.
- Managed phased site delivery and coordinated multi-disciplinary sub-contractors (open retail, administrative, banks), reducing site congestion and adhering to

Al-tinarch global investment

2023 - 2024

Project manager

Managed the construction process of a shea butter processing factory in n

- Implemented sanitary building finishes, including chemical-resistant seamless and washable non-porous wall surfaces compliant with food safety regulations
- Supervised the casting of heavy-duty reinforced concrete pad foundations crushers, hydraulic presses, expellers, and roasting equipment.
- Executed site layout engineering to ensure linear production flow across drying bays to clean-room extraction, cooling, and packaging.
- Coordinated civil and MEP installation for industrial steam boilers, process extraction hoods, and high-capacity electrical sub-stations.
- Constructed eco-compliant wastewater treatment systems, grease/oil-water solid organic byproducts (press cake storage).

Walsh blanc

2024 - 2025

Site engineer

- Directed structural civil engineering across multiple urban high-rise commercial foundations, post-tensioned slab decks, shear wall reinforcement, and vertical
- Managed high-end interior design execution for residential apartments and partitioning, acoustic drop ceilings, wall paneling, tile flooring, and custom
- Translated complex architectural working drawings, interior elevations, and tolerances for bespoke spatial layouts, custom lighting channels, and embedded
- Coordinated structural-to-interior handoffs across various high-rise sites, core shafts, HVAC ducting, and fire suppression integration prior to wall closing
- Led multi-disciplinary finishing trades across concurrent commercial and residential assurance audits and snag list resolutions to ensure defect-free, client-ready

TeeGee structures

2025 - 2026

Site engineer

Overseeing the whole construction process of various commercial banks with

- i Supervised civil and structural works for bank developments, including reinforced floor slabs designed for safes and archives, high-security perimeter walls, and
- Directed high-end architectural finishes, managing the installation of exterior traffic anti-slip porcelain tile flooring, acoustic ceiling systems, and glass curtain standards.
- Coordinated specialized interior design execution, supervising the installation joinery, acoustic wall panels, and structural wall framing for integrated CCT
- Managed site integration for specialized MEP infrastructure, including FM-rooms, dual-redundant UPS/generator power setups, and secure 24/7 ATM
- Led building commissioning and facility management onboarding protocols compiling as-built documentation, and verifying asset maintenance access

Ifemide estate

2026 -

Project manager/Engineer

Construction, coordination, planing and execution of a 2 storey structure in

-Interpreted architectural floor plans, structural details, and rebar bending s
spatial layout and structural alignment for luxury residential duplexes.

-Supervised critical structural milestones, including foundation excavation,
reinforcement placement, and reinforced concrete staircase pours.

-Coordinated early-stage embedded electrical conduit runs, plumbing supp
drainage installations prior to slab casting and wall plastering.

- Calculated precise bill of quantities for cement, steel TMT bars, and aggre
slump testing to maintain structural integrity while controlling material was

-Managed site workflows across sequential phases—from substructure and
and exterior finishes—directing multi-disciplinary site trades to meet projec



Education

Abubakar Tafawa Balewa university

2016

Building technology

B.tech

National institute of builders

2017

Mniob

Project management institute

PMP