

RAHEEMAT YUSSUF

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Dhahran, Saudi Arabia

HIGHLIGHTS OF QUALIFICATIONS

- Master's degree in architecture at King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia
- Experienced in architectural design, construction detailing, project coordination and sustainable building solutions across residential, commercial, and institutional sectors.
- Experience with integrating UN Sustainable Development Goals (SDGs) into architectural designs, academic research and curriculum development.
- Able to work in multicultural, interdisciplinary teams on both academic and industry-led projects.
- Finalist in an international design competition for recycled plastic modular housing.
- Academic research and publication in energy-efficient building systems.
- Proficient in AutoCAD, Revit, SketchUp, Lumion, DesignBuilder, Adobe Creative Suite, and Microsoft Office.

CORE COMPETENCIES

- Architectural Design and Detailing (Concept to Construction)
- BIM and 3D Visualization
- Sustainable Architecture
- Construction Documentation
- Project and Site Coordination
- Multidisciplinary Collaboration
- Technical Report Writing
- Client Presentation
- Creative Problem Solving

TECHNICAL SKILLS

- **Architectural Design Tools:** AutoCAD, SketchUp, Revit, 3ds Max, Lumion
- **Performance Analysis:** DesignBuilder, OneClick LCA, SimaPro, ENVIMet
- **Visualization:** VOSviewer
- **Others:** MS Office Suite, Adobe Creative Suite, Python.

PROFESSIONAL EXPERIENCE

Administrative, Academic and Research Assistant

Sep 2023 – Jan 2025

Department of Architecture and City Design - KFUPM, Saudi Arabia

- Supported the development of KFUPM's Smart Sustainable Cities program by researching global curricula, selecting relevant courses, and aligning content with the SDGs.
 - Benchmarked the Architecture program against top international universities to identify growth areas and authored a report that guided the department's long-term academic strategy.
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Junior Architect

Apr 2021 – May 2023

Kayode Anibaba Associates – Architecture Firm, Nigeria

- **20-story Modular Residential Building:** Designed a 108-unit high-rise apartment building, including studio and 1–5-bedroom layout; coordinated modular construction features and spatial planning across all floors.
- **Event Center (1,000 Capacity):** designed and developed full architectural drawings, integrating acoustics, crowd control, and safety requirements.
- **3-Storey Shopping Mall:** Collaborated with structural and MEP teams to design a 3-level retail mall, ensuring accessibility, wayfinding, and commercial tenant flexibility.
- **Bakery with Cafe and Showroom:** delivered concept-to-construction drawings for a dual-purpose commercial facility, incorporating food safety design, user flow, and visual merchandising.
- **Religious Community Worship Centers:** designed multiple worship centers with varying capacities, reflecting religious symbolism, ventilation needs, and cultural context.

Project Manager

Jun 2022 – Jul 2022

Luca Visage – Scavolini Interior Design, Nigeria

- Delivered multiple high-end kitchen fit-outs using modular Scavolini designs, coordinating across teams and adapting layouts to building constraints.

Project Manager

Aug 2020 – Mar 2021

Urban Shelter Ltd. - Real Estate Developer Nigeria

- Supported the construction of real estate projects comprising 1-, 2-, and 3-bedroom units in multistorey apartments buildings by adapting designs in real time to accommodate site-specific conditions.
- Identified critical flaws in the drainage design for a real estate project and proposed practical elevation redesign to prevent future water damage, improving project sustainability.
- Conducted structural coordination, drawing reviews, and building inspections to ensure construction aligned with approved architectural plans for a multi-unit estate project.

Architect

May 2018 – Jul 2023

Brickify – Sustainable Construction Startup, Nigeria

- Designed sustainable modular housing using eco-friendly construction materials made from recycled plastic as part of an international design competition.
- Collaborated with engineering and design teams to develop detailed drawings and system concepts.
- Project was selected as a finalist, earning international recognition and presentation at global sustainability forums.

Intern Architect

Mar 2015 – May 2017

Olawunmi Agbaje Associates – Architecture Firm, Nigeria

- **Landscape Feature (Custom Water Fountain):** designed and supervised the installation of a bespoke water feature integrated into a landscape masterplan.
- **Orphanage with Dormitories and Classroom:** developed functional layouts and child-safe spaces for residential and academic purposes, aligned with the NGO and regulatory requirements.

- Delivered kitchen fit-outs with detailed cabinet joinery, lighting plans, and ergonomic furniture layouts for multiple residential projects.

EDUCATION

M.Sc. Architecture

King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia

Sep 2022 – Apr 2025

B.Sc. Architecture

Obafemi Awolowo University (O.A.U), Ile-Ife, Nigeria

Sep 2017 – Jun 2021

Diploma Architecture

Yaba College of Technology, Lagos, Nigeria

Sep 2014 – May 2017

RESEARCH PUBLICATION

- Yussuf, R., & Asfour, O. S. (2023). Applications of Artificial Intelligence for Energy Efficiency Throughout the Building Lifecycle: An Overview. *Energy and Buildings*, 305, 113903.

AWARDS & HONORS

- **2nd Place** - Smart Campus Competition, KFUPM

Feb 2023