

# SANI ALIYU

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in <https://www.linkedin.com/in/engr-sani-aliyu>

## Objective

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A graduate civil engineer with outstanding educational records and progressive experience in precast concrete box and pipe culvert production, site supervision, site maintenance, creating and designing structural elements. I wish to work for a challenging career in a professional organization with imaginative and creative skills, highly functional in an environment that expect judgement, maturity and creativity.

## Work Experience

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- MOTA-engil Nigeria** May 2024 - Present  
Engineering technician
  - Supervise the production of precast concrete pipes and box culverts, ensuring adherence to project specifications, safety standards, and quality control measures.
  - Manage daily operations, including scheduling, resource allocation, and coordination between production and installation teams.
  - Oversee the setup and maintenance of production equipment, ensuring optimal performance and minimizing downtime.
  - Conduct regular inspections and tests on precast products to ensure they meet industry standards and client requirements.
  - Implement and enforce safety protocols to ensure a safe working environment for all employees.
  - Collaborate with engineering and design teams to address technical issues and refine production processes.
  - Prepare and present progress reports to senior management and clients, highlighting project milestones and any potential issues.
  - Conducted routine checks on equipment and molds, performing adjustments to maintain consistent production standards.
  - Operated and maintained automated machinery for the production of precast concrete pipes and box culverts, ensuring quality and dimensional accuracy.
- Buildtrain Nigeria limited** June 2023 - May 2024  
Assistant Site engineer
  - Managed daily site activities including supervising subcontractors, monitoring progress, and ensuring compliance with safety regulations.
  - Assisted in interpreting engineering drawings and specifications to guide construction activities and resolve technical issues.
  - Conducted quality inspections to verify workmanship, materials, and installations met project standards and specifications.
  - Coordinated with project managers, architects, and clients to address concerns, provide updates, and maintain project schedules.
  - Prepared progress reports, work schedules, and cost estimates to track project performance and identify areas for improvement.
- Kaisam consults limited** May 2022 - May 2023  
Civil engineering intern
  - Assisted senior engineers in drafting plans using AutoCAD, Quickcivilseries and protastructure software.
  - Conducted site visits to assess project progress and ensure compliance with design specifications.
  - Participated in team meetings to discuss project timelines, budgets, and challenges.
  - Assisted with surveying tasks including data collection and analysis.
  - Compiled project documentation and reports for internal and client review
- Integrated engineering associates** June 2019 - December 2019  
Industrial attachment
  - Participated in site visits to observe construction progress and conducted quality assurance checks.
  - Contributed to the preparation of project proposals, technical reports, and client presentations.
  - Collaborated with multidisciplinary teams to address design challenges and optimize project outcomes.
- Al-ansar foundation school, Zaria.** February 2021 - September 2021

Class room teacher

## Education

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- **Ahmadu Bello university, Zaria.** 2022  
Bachelor's degree in civil engineering  
Second class upper
- **School of Basic and Remedial studies, Funtua.** 2013
- **Alhudahuda college, Zaria.** 2011  
Senior school certificate examination
- **Liman Kwaire primary school, Alfadarai, Zaria.** 2005  
Primary school leaving certificate

## Skills

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- Proficient in AutoCAD, protastructure, Quickcivilseries and other engineering softwares
- Strong analytical and problem-solving skills
- Excellent communication and teamwork abilities
- Detail-oriented with a focus on accuracy and quality
- Ability to work effectively in a fast-paced environment and manage multiple tasks simultaneously
- Microsoft word
- Microsoft excel
- Microsoft PowerPoint
- Expertise in precast concrete production processes
- Experience with production equipment and maintenance
- Ability to manage multiple projects and meet deadlines

## Interests

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- Reading
- Writing
- Learning
- Sports
- Travel

## Language

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- English
- Hausa
- Arabic

## Community Services

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- Mathematics teacher at Alfadarai special training centre program (Charity organization). 2018 - 2020

## Certification

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- Graduate member, Nigeria society of engineers (NSE) 2023
- Member, International Association of engineers (IAENG) 2022
- Member, American society of civil engineers (ASCE). 2022