

Fareed Lawan Zubair, Civil Engineer

Kano State , Nigeria, 0803 749 5621, fareedelzed@gmail.com

LINKS

[linkedin](#)

PROFILE

Dynamic and results-driven Civil Engineer with a proven track record of success in research, construction management, and materials testing within the infrastructure and construction sectors. Skilled in conducting integrated research and development to drive advancements in construction techniques and materials. Proficient in analyzing industry trends, collaborating with multidisciplinary teams, and publishing findings in reputable journals. Experienced in overseeing site management, coordinating project activities, and ensuring adherence to specifications and timelines. Expertise in materials testing, evaluation, and selection, coupled with proficiency in AutoCAD and other civil engineering software. Effective communicator with a talent for technical report writing and stakeholder engagement. Passionate about delivering innovative solutions, fostering collaboration, and achieving project success.

EMPLOYMENT HISTORY

Research Officer, Nigerian Building and Road Research Institute

- Conduct integrated research and development initiatives focused on enhancing the durability, sustainability, and safety of roads and buildings.
- Lead multidisciplinary research teams to explore innovative construction materials, techniques, and technologies, driving advancements in the construction industry. Utilize cutting-edge methodologies and analytical tools to evaluate the performance of existing infrastructure and propose cost-effective solutions for maintenance and rehabilitation.
- Collaborate closely with government agencies, industry partners, and academic institutions to identify research priorities and address critical challenges facing the infrastructure sector.
- Champion knowledge-sharing initiatives within the institute, organizing seminars, workshops, and training programs to disseminate research findings and promote best practices across the industry.
- Publish original research articles in reputable peer-reviewed journals and present findings at national and international conferences, contributing to the global body of knowledge in civil engineering and construction science.
- Actively participate in technical committees and standardization bodies, providing expert input to the development of national codes and specifications governing construction practices and materials usage.
- Mentor junior researchers and interns, fostering a culture of excellence, collaboration, and continuous learning within the research institute.

Jan 2014 — Present

Resident Engineer, Yaqin and Associates Nig Ltd

Kano

- Provided comprehensive oversight of site management activities for a diverse portfolio of infrastructure projects, including roads, highways, and buildings, ensuring strict adherence to project specifications, quality standards, and timelines.
- Effectively managed a multidisciplinary team of engineers, architects, and construction personnel, fostering a collaborative work environment and maximizing operational efficiency throughout the project lifecycle.
- Developed and implemented detailed project plans, schedules, and resource allocation strategies to optimize workflow and meet project milestones within budgetary constraints.
- Conducted regular site inspections and quality control assessments to monitor progress, identify potential issues or bottlenecks, and implement timely corrective measures to mitigate risks and ensure project success. Acted as a primary liaison between the project team, clients, architects, contractors, and regulatory authorities, facilitating clear communication, resolving conflicts, and addressing design modifications or client requirements promptly and effectively.
- Leveraged strong technical expertise and problem-solving skills to troubleshoot complex engineering challenges, propose innovative solutions, and optimize project outcomes while maintaining a strong focus on safety, sustainability, and environmental stewardship.
- Collaborated closely with stakeholders to proactively identify opportunities for process improvement, cost optimization, and value engineering, driving continuous improvement initiatives and enhancing overall project delivery performance.

Customer Service Officer, United bank of Africa

- Provided exceptional customer service, resolving inquiries and proactively offering solutions.
- Managed funds transfers efficiently and accurately, ensuring a seamless banking experience for customers.

Jan 2013 — Present

Resident Engineer, Tectonics Engineering and C

- Led comprehensive material testing programs encompassing soil, concrete, steel rods, and cement to assess their quality and suitability for various construction projects, ensuring compliance with industry standards and project requirements.
- Utilized advanced testing methodologies and equipment to analyze material properties, identify potential weaknesses or defects, and make data-driven recommendations for the selection of optimal building materials tailored to the specific environmental conditions and project specifications.
- Collaborated closely with project stakeholders, including architects, structural engineers, contractors, and clients, to understand project objectives, technical requirements, and performance expectations, and to ensure alignment in material selection decisions throughout the project lifecycle.
- Played a key role in enhancing the efficiency and effectiveness of construction projects by providing expert guidance and support in materials selection, quality control, and risk management, contributing to the successful completion of projects within budget and schedule constraints.
- Implemented robust quality assurance protocols and inspection procedures to monitor the procurement, handling, and installation of construction materials, mitigating potential risks and ensuring compliance with regulatory standards and industry best practices.
- Provided technical expertise and support to project teams, resolving material-related issues, addressing design modifications, and optimizing construction processes to achieve superior project outcomes and stakeholder satisfaction.

EDUCATION				
Jan 2018	Masters in Environmental management and control, Bayero University Kano			
Jan 2007 — Jan 2012	B.Eng Civil Engineering, Ahmadu Bello University Zaria;			Zaria
SKILLS	Customer Service	Expert	AutoCAD	Expert
	Civil Engineering	Expert	Materials Testing (Tests)	Expert
	Project Stakeholders	Expert	Management Development	Expert
	Communications	Expert	Construction Management	Expert
	Material Selection	Expert	Team Leadership	Expert
	Management	Expert	Quality Assurance	Expert
	Research	Expert	Procurement	Expert
	Infrastructure	Expert	Site Analysis	Expert
	Construction	Expert	Feasibility Studies	Expert
	Sustainability	Expert	Technical Report	Expert
	Collaboration	Expert	Analytical Thinking	Expert
	Coordinating	Expert	Quality Control	Expert
	Environmental Engineering	Expert	Risk Management	Expert
	Milestones (Project Management)	Expert	Multidisciplinary Research	Expert
	Leadership	Expert		
LANGUAGES				
	English			
REFERENCES				
References available upon request				
CERTIFICATION				
Present	Member Council for the Regulation of Engineering in Nigeria			Abuja

- Evaluation of failure pattern on flexible pavement. A case study of Warawa LG of Kano State

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ISSN NO. 2544-2143 Pages 28-35.

Assessment of Electrical Hazards Awareness and Risk Management in Buildings. A case study of Kano

State Metropolitan Kaduna State Environmental Science Journal (KESJ) 2019.

Improving the Ethical Practices in Construction Industries in Kano. Conference by the Academic Staff

Union of Polytechnics ASUP Kano Chapter 2019.

PERCEPTION OF PROFESSIONAL ON CAUSES OF STRUCTURAL DETERIORATION IN INTERLOCKING

CONCRETE BLOCK PAVEMENT CEDS Journal of Entrepreneurship and Innovative Research. Vol. 1. No. 1

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