

STRUCTAPRO CONSTRUCTION ADVISOR



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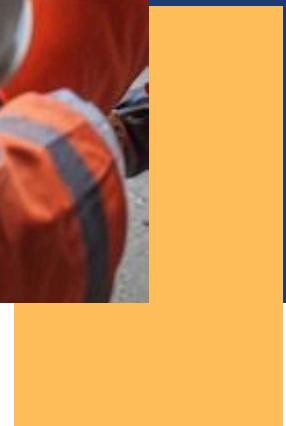
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About Us.

Introduction

StructaPro Construction Advisory is a premier Ghanaian-based consultancy dedicated to elevating the standards of the built environment. In an era of rapid urbanization across West Africa, we provide the technical clarity and strategic foresight required to turn complex blueprints into enduring landmarks. We combine international best practices with deep local expertise to ensure every project is structurally sound, financially viable, and legally compliant.



Mission & Vision.

MISSION

- To empower developers, contractors, and government agencies with data-driven advisory services that mitigate risk and maximise structural efficiency.

VISION

- To be West Africa's most trusted architectural and structural advisory firm, recognized for integrity and engineering excellence.

CORE VALUES

- Precision: We believe in the "measure twice, cut once" philosophy.
- Local Insight: Tailoring global engineering standards to the unique Ghanaian climate and soil conditions.
- Accountability: Taking full ownership of the advice we provide.



Our Expertise

We offer a comprehensive suite of advisory services tailored to the Ghanaian construction landscape:

- **Project Management & Oversight:** Representing the client's interests on-site to ensure contractors adhere to specifications, timelines, and budgets.
- **Structural Integrity Audits:** Specialized assessments for existing buildings and "uncompleted" structures to ensure safety and compliance with the Ghana Building Code.
- **Value Engineering:** Analysing designs to reduce costs without compromising the quality or safety of the build.
- **Pre-Construction Feasibility:** Comprehensive site analysis, including soil report interpretation and structural viability studies.
- **Compliance & Permitting Advisory:** Navigating the regulatory requirements of District Assemblies and the Engineering Council of Ghana.

The Organization.



LEIF SEYRA KORBLAH
CHEIF EXECUTIVE OFFICER



NTIAMOAH NANA SNR.
DIRECTOR



KINGS KWAME KYERE
GENERAL MANAGER



SALOMEY AFRIYIE
**DIRECTOR OF FINANCE
& ADMINISTRATION**



NANA BENYI
**DIRECTOR OF BUSINESS
DEVELOPMENT**



DESMOND BOATEY
DIRECTOR OF OPERATIONS

Methodology & Quality Assurance

METHODOLOGY

At StructaPro Construction Advisory, we follow a structured, transparent, and client-centred approach to ensure every project is delivered with precision and accountability:

Needs Assessment

- Engage with clients to understand objectives, constraints, and expectations.
- Conduct feasibility studies and risk assessments to align solutions with project realities.

Strategic Planning

- Develop detailed project plans with clear milestones, budgets, and timelines.
- Integrate sustainability and compliance considerations from the outset.

Execution & Supervision

- Provide hands-on project management and site supervision.
- Ensure contractors and stakeholders adhere to agreed standards and schedules.

Monitoring & Evaluation

- Track progress against key performance indicators (KPIs).
- Conduct regular audits and reviews to identify gaps and implement corrective measures.

Handover & Post-Project Support

- Deliver comprehensive documentation and final reports.
- Offer post-project advisory to ensure long-term functionality and client satisfaction.

QUALITY ASSURANCE

Compliance with Standards: Adherence to ISO certifications, local building codes, and international best practices.

Rigorous Review Processes: Multi-level checks on designs, budgets, and contracts to eliminate errors and inefficiencies.

Safety First: Implementation of strict occupational health and safety protocols across all projects.

Continuous Improvement: Regular training for staff and adoption of innovative tools to enhance service delivery.

Client Feedback Integration: Structured feedback loops to refine processes and strengthen client relationships.



Why Choose Us?



PRODUCT

We provide tailored solutions that transform ideas into resilient infrastructure. Our services ensure every client receives a comprehensive product package that meets international standards while addressing local realities.



PRICE

Our pricing model is transparent, competitive, and value-driven. We balance affordability with quality, offering cost-effective solutions without compromising safety or innovation.



RELIABILITY

We pride ourselves on being a dependable partner. With strict adherence to timelines, quality assurance protocols, and safety standards, we consistently deliver projects that exceed expectations.



SUSTAINABILITY & INNOVATION

We champion climate-smart construction practices and adopt cutting-edge digital tools to enhance efficiency. From eco-friendly materials to resilient infrastructure designs, we ensure projects are future-ready and aligned with global sustainability goals.

Projects Delivered



The Signature Building, Accra



The Impact Building, KNUST, Kumasi



KNUST faculty of Social Sciences



Obuase road expansion project

PROFILE OF TECHNICAL STAFF



www.structapro.com

PROJECT MANAGEMENT

PROJECT MANAGER:

Name of Staff: Leif Seyra Korblah Yevugah



Date of Birth: June 7th, 1993

Years with Consultancy: 7 years

Nationality: Ghanaian

Membership of Professional Body: Ghana Institute of Procurement and Supply, Ghana Institute of Construction, Project Management Professional (PMP)

Key Qualifications:

- ❖ Over 10 years of experience in managing and delivering high-rise buildings in the UK; 2015-2018, Accra; 2020-2023, industrial silos in Takuradi; 2024 and road infrastructure projects in Accra and Kumasi; 2019-2025. Extensive experience in project planning, execution, monitoring and control with strong competence in contract administration, cost control, risk management, quality assurance and HSE compliance.
- ❖ Demonstrated ability to lead multi-disciplinary teams and coordinate with international and local consultants, contractors and stakeholders.
- ❖ Experience working on projects executed to international standards with a proven record of timely and cost-effective project delivery.

Education:

- ❖ 2010-2014: BSc Construction Technology and Management, KNUST.
- ❖ 2014-2016: MSc Construction Project Management, LOUGHBOROUGH UNIVERSITY.

Employment Records:

- ❖ 2020-Present: Executive Project Manager, StructaPro Construction Advisory(International Construction Consultancy)
- ❖ 2016-2020: Senior Project Manager, Visionaire Construction Company
- ❖ 2014-2016: Site Engineer/ Assistant Project Manager, Lavender Quill Civil Construction Company.

Languages:

- ❖ English, Japanese

ASST. PROJECT MANAGER:

Name of Staff: Righteous Awuah Berchie

Date of Birth: June 21, 1985

Years with Consultancy: 5 years



Nationality: Ghanaian

Membership of Professional Body:

Ghana Institute of Surveyors(GHIS).

Ghana Institute of Construction(GIOC).

Key Qualifications:

- ❖ Assistant Project Manager with over 10 years of professional experience supporting the delivery of building and infrastructure projects in Ghana.
- ❖ Skilled in project planning, supervision, and reporting with competence in contract administration and quality assurance.
- ❖ Experienced in coordinating multidisciplinary teams and ensuring compliance with the Ghana Building Code and international standards.
- ❖ Strong background in construction documentation, resource scheduling, and site supervision.
- ❖ Member of the Ghana Institute of Construction (GIOC).

Education:

- ❖ 2005-2008: BSc Building Technology, KNUST.
- ❖ 2010-2011: MSc Construction Management, University of Leeds.

Employment Records:

- ❖ 2022-Present: Assistant Project Management, StructaPro Construction Advisory (International Construction Consultancy).
- ❖ 2017-2022: Project Coordinator, Visionaire Construction Company.
- ❖ 2013-2017: Site Engineer, Quill Civil Const. Company.
- ❖ 2013-2013: Graduate Engineer, BuildRight Construction Ltd.

Languages:

- ❖ English and Twi

CLERK OF WORKS:

Name of Staff: Aduse Opoku-Ware

Date of Birth: March 15th, 1990

Years with Consultancy: 6 years

Nationality: Ghanaian



Membership of Professional Body:

Project Management Institute (PMI)

Ghana Institute of Construction (GIOC)

Key Qualifications:

- ❖ Results-driven Clerk of Works with over 10 years of experience in construction project monitoring and quality control, leveraging modern trends and technology.
- ❖ Proven track record of ensuring project deliverables meet quality, time, and budget targets.
- ❖ Skilled in site management, quality assurance, and stakeholder coordination.

Education:

- ❖ 2010-2014: BSc Quantity Surveying and Construction Economics, KNUST.
- ❖ 2014-2016: MSc Project Management, University of Ghana.
- ❖ 2015: Certified BIM Professional (CBP).

Employment Records:

- ❖ 2014-Present: Clerk of Works, StructaPro Construction Advisory.
- ❖ 2018-2022: Clerk of Works, StructaPro Construction Advisory.
- ❖ 2016-2018: Project Coordinator, GHACEM Ltd.
- ❖ 2014-2016: Assistant Project Manager, SCG Ghana

Languages:

- ❖ English and Twi

ARCHITECTURAL SERVICES

SNR. ARCHITECT

Name of Staff: Darlington Kojo Payne

Date of Birth: 22nd July, 1988

Years with Consultancy: 6 years

Nationality: Ghanaian

Membership of Professional Body:

Ghana Institute of Architects (GIA)



Key Qualifications:

- ❖ Over 12 years of professional experience, with more than 5 years' post-qualification in architectural system design and supervision.
- ❖ Proven track record in managing projects from concept through commissioning, ensuring safety, sustainability, and cost-effectiveness.
- ❖ Strong knowledge of Ghana Building Code, ASHRAE standards, and ISO-compliant practices.
- ❖ Certified practising engineer under the Ghana Institution of Architects (GIA).

Education:

- ❖ 2006-2009: WASSCE, Ghana Secondary Technical School (GSTS), Takoradi, Ghana.
- ❖ 2010 – 2014: BSc. Architecture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- ❖ 2015 - 2017: MSc. Architecture, University of California, Berkeley, U.S.A.

Employment Records:

- ❖ 2020-Present: Architect, StructaPro Construction Advisory (International Construction Consultancy).
- ❖ 2018-2020: Assistant Architect, Wilkins Engineering Limited, Accra, Ghana.
- ❖ 2016-2018: Architect, ADK Consortium Ltd, Accra, Ghana.
- ❖ 2014-2016: Architect, FAS Consult Ltd.

Languages:

- ❖ English, Twi, Fante, Ahanta and Portuguese

JNR. ARCHITECT

Name of Staff: Owusu Ntiamoah Nana Senior

Date of Birth: March 25th, 1990

Years with Consultancy: 4 years

Nationality: Ghanaian

Membership of Professional Body:

Ghana Institute of Architects (GIA)



Key Qualifications:

- ❖ 9 years of practical experience in architectural design, project management, and staying updated with industry trends and regulations.
- ❖ A strong portfolio showcasing my completed projects.
- ❖ Expertise in areas like residential, commercial, and sustainable design.
- ❖ Experienced in using design software like AutoCAD, Revit, Lumion, and SketchUp.
- ❖ Registered with the Architects Registration Council of Ghana (ARC)

Education:

- ❖ 2006-2009: Osei Kyeretwie Senior High School (OKESS), Kumasi, Ghana.
WASSCE in Science.
- ❖ 2010 – 2014: BSc. Architecture, KNUST, Ghana.
- ❖ 2016 – 2018: MSc. Architecture, Massachusetts Institute of Technology (MIT), U.S.A.

Employment Records:

- ❖ 2021-Present: Designing Team Leader and Sustainability Consultant, StructaPro Construction Advisory (International Construction Consultancy).
- ❖ 2016-2020: Designing Team Leader, J & K Consulting Limited.

Languages:

- ❖ English, Twi and French

QUANTITY SURVEYING

SNR. QUANTITY SURVEYOR:

Name of Staff: Asare Kings Kwame Kyere

Date of Birth: March 22, 1988

Years with Consultancy: 6 years

Nationality: Ghanaian



Membership of Professional Body:

Ghana Institute of Surveyors(GhIS)

Key Qualifications:

- ❖ StructaPro Construction Advisory (2020 - Present, Kumasi, Ghana): Led cost management for a \$1.5 million commercial complex development, implementing cost-saving measures that reduced overall expenses by 18% through strategic material sourcing and negotiation.
- ❖ Gold Coast Surveyors Ltd. (2017-2020, Accra, Ghana): Managed quantity surveying for a major hospital expansion project, overseeing budgets exceeding \$3 million, conducting interim valuations, and resolving contractual disputes; completed project under budget by 10%.
- ❖ Western Region Builders (2014-2017, Takoradi, Ghana): Managed coastal infrastructure projects, including port facility upgrades; prepared detailed bills of quantities and monitored cost variations, achieving a 25% improvement in financial accuracy.

Education:

- ❖ 2012-2014: MSc Quantity Surveying, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana
- ❖ 2007-2011: BSc Building Technology (Quantity Surveying), University of Cape Coast, Cape Coast, Ghana.
- ❖ 2003-2007: High School Diploma, Kumasi High School, Kumasi, Ghana

Employment Records:

- ❖ 2020-Present: Quantity Surveyor, Structapro Construction Advisory, Kumasi, Ghana.
- ❖ 2017-2020: Senior Quantity Surveyor, Gold Coast Surveyors Ltd., Accra, Ghana.
- ❖ 2014-2017: Quantity Surveyor, Western Region Builders, Takoradi, Ghana.
- ❖ 2011-2014: Junior Quantity Surveyor, National Construction Authority, Kumasi, Ghana.

Languages:

- ❖ English and Twi

JNR. QUANTITY SURVEYOR:

Name of Staff: Michael Ohene

Date of Birth: June 3, 1986

Years with Consultancy: 5 years

Nationality: Ghanaian

**Membership of Professional Body:**

Member, Royal Institution of Chartered Surveyors (MRICS)

Member, Ghana Institution of Surveyors (MGhIS)

Key Qualifications:

- ❖ Cost Engineering: Expert in cost estimation, budget monitoring, and financial risk mitigation. Practised as a cost expert at FEDEMS, an international construction company in Accra, Ghana, 2017-2018.
- ❖ Quantity Surveyor at African Land, a leading construction company in Ghana and West Africa, from 2014-2017.
- ❖ Global Standards: Proficient in RICS professional standards and international measurement rules for all works.
- ❖ Contract Management: Strong command of FIDIC and local contract forms for consultancy.
- ❖ Health & Safety: Certified in construction safety protocols, integrating risk management into financial planning. Practised as a safety officer for 3 years at SINO AFRICA DEV. COMPANY LTD., an international Construction and Development company, in Accra, 2012-2014.

Education:

- ❖ 2018-2020: MSc. Cost Engineering, University of Greenwich.
- ❖ 2006-2009: BSc. Quantity Surveying and Construction Economics, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- ❖ 2010-2011: Safety Certificate, Kumasi Technical University (KsTU), Kumasi, Ghana.

Employment Records:

- ❖ 2021-Present: Quantity Surveyor, StructaPro Construction Advisory
- ❖ 2019-2021: Quantity Surveyor, African Land.
- ❖ 2014-2018: Cost Expert: FEDEMS.
- ❖ 2012-2014: Safety Officer, SINO AFRICA DEV. COMPANY LTD
- ❖ 2010-2012: Quantity Surveyor: Justmoh Construction Limited

Languages:

- ❖ English, Twi and Ewe

ELECTRICAL SERVICES

SNR. ELECTRICAL ENGINEER

Name of Staff: BOAKYE SALOMEY AFRIYIE

Date of Birth: November 1st, 1989

Years with Consultancy: 6 years

Nationality: Ghanaian

Membership of Professional Body:

Institute of Electrical and Electronics Engineers (IEEE)

Engineering Council of Ghana (EngCouncil).



Key Qualifications:

❖ As a dedicated Electrical Engineer with over 10 years of experience in construction and infrastructure projects in Ghana, I specialise in delivering accurate electrical design, installation, and maintenance solutions. My expertise encompasses electrical cost management, project coordination, and ensuring compliance with Ghanaian standards (ECG regulations).

Education:

- ❖ 2008-2011: BSc Electrical Engineering, KNUST.
- ❖ 2013-2014: MSc Electrical Engineering, KNUST

Employment Records:

- ❖ 2020-Present: Electrical Engineer, StructaPro Construction Advisory
- ❖ 2016-2019: Electrical Engineer. BEROCK CONSTRUCTION LTD

Languages:

- ❖ English, and Twi

JNR. ELECTRICAL ENGINEER

Name of Staff: Adjoa Ampomaa Adjei

Date of Birth: July 14th, 1992

Years with Consultancy: 5 years

Nationality: Ghanaian



Membership of Professional Body:

Institution of Engineering and Technology (IET)

Institute of Electrical and Electronics Engineers (IEEE)

Key Qualifications:

- ❖ Bachelor of Science in Electrical Engineering, Kwame Nkrumah University of Science and Technology (KNUST).
- ❖ Practical experience in electrical system design, installation, testing, and maintenance.
- ❖ Strong proficiency in AutoCAD, MATLAB, and electrical simulation tools such as ETAP and PSpice.
- ❖ In-depth knowledge of power distribution systems, control systems, and PLC programming.
- ❖ Ability to read, interpret, and develop electrical schematics, single-line diagrams, and layout drawings.

Education:

- ❖ 2010-2014: BSc Electrical Engineering, KNUST
- ❖ 2016-2018: MSc Electrical Engineering, KNUST

Employment Records:

- ❖ 2021-Present: Electrical Engineer, StructaPro Construction Advisory
- ❖ 2014-2018: Trainee, Mega Solution Electrical Engineering Ltd

Languages:

- ❖ English, Fante and Twi

MECHANICAL SERVICES

MECHANICAL ENGINEER

Name of Staff: Desmond Boatey Kwao

Date of Birth: August 6th, 1980

Years with Consultancy: 5 years

Nationality: Ghanaian

Membership of Professional Body:

Ghana Institution of Engineers (GhIE)



Key Qualifications:

- ❖ Over 15 years of professional experience, with more than 10 years post-qualification in mechanical system design and supervision.
- ❖ Specialised expertise in HVAC systems, plumbing, fire protection, and energy-efficient mechanical installations.
- ❖ Proven track record in managing projects from concept through commissioning, ensuring safety, sustainability, and cost-effectiveness.
- ❖ Strong knowledge of Ghana Building Code, ASHRAE standards, and ISO-compliant practices.
- ❖ Certified practising engineer under the Ghana Institution of Engineers (GhIE).

Education:

- ❖ 2003-2006: BSc Mechanical Engineering, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- ❖ 2008-2009: MSc Mechanical Engineering, Technical University of Munich (TUM), Munich, Germany.

Employment Records:

- ❖ 2021-Present: Snr Mechanical Engineer, StructaPro Construction Advisory
- ❖ 2017-2021: Mechanical Engineer, Contracta Construction-UK
- ❖ 2013-2017: Assistant Mechanical Engineer, MegaConstruct Ltd
- ❖ 2011-2013: Assistant Mechanical Engineer, Maverick Construction Ltd

Languages:

- ❖ English, Ga, and Twi.

GEOMATIC SERVICES

SNR. GOEMATIC ENGINEER

Name of Staff: Nana Benyi Acquah

Date of Birth: May 6th, 1986

Years with Consultancy: 6 years

Nationality: Ghanaian



Membership of Professional Body:

Ghana Institution of Engineers (GhIE)

Ghana Institution of Surveyors (GHIS)

Licensed Surveyors Association of Ghana (LISAG)

Key Qualifications:

❖ Geomatic/Geodetic Engineer with over a decade of experience in land surveying and mapping, participating in projects in Ghana, such as the Mining & Mineral Resources Surveys (2013-2015), digital addressing & street naming system (2016-2019), and the road infrastructure projects in Accra and Kumasi, 2019-2025. With experience in undertaking field and practical surveying (cadastral surveying, engineering/construction surveying), office and technical experience (data processing, mapping & CAD and report writing) and professional and supervisory experience (site management, regulatory experience & quality control) with knowledge in GNSS/GPS operation, Total station and theodolite usage levelling instruments, Drone (UAV) operation & GIS and CAD software proficiency.

Education:

- ❖ 2005-2007: HND, Ghana School of Surveying and Mapping (GSSM)
- ❖ 2008-2012: BSc Geomatic/Geodetic Engineering, KNUST
- ❖ 2015-2017: MSc Remote sensing & Photogrammetry, KNUST

Employment Records:

- ❖ 2020-Present: Snr Geomatic Engineer, StructaPro Construction Advisory
- ❖ 2016-2019: Geomatic/Geodetic Engineer, Land Use and Spatial Planning
- ❖ 2013-2016: Asst. Geomatic/ Geodetic Engineer, Ghana Geological Survey

Languages:

- ❖ English, Ga and Twi

JNR. GOEMATIC ENGINEER

Name of Staff: John Adjei Afrifa

Date of Birth: May 23rd, 1996

Years with Consultancy: 3 years

Nationality: Ghanaian

Membership of Professional Body:

Ghana Institution of Engineers (GhIE)

Ghana Institute of Surveyors(GhIS)

Licensed Surveyors Association of Ghana (LISAG)



Key Qualifications:

❖ A motivated and detail-oriented Geomatic Engineer with 3 years of professional experience, currently working under the direct supervision of Nana Benyi Acquah, Senior Geomatic Engineer, aiding my development and enhancing my practical experience in engineering and construction surveying, data processing, and CAD mapping for major infrastructure projects in Ghana. I possess a relatively high proficiency in the use of field equipment (GNSS, Total Station) and office software (CAD, GIS) through hands-on involvement in StructaPro's project portfolio. I am always eager to learn from and contribute to team objectives, ensuring the accuracy of geospatial data for successful project delivery.

Education:

❖ 2017-2021: BSc Geomatic Engineering (KNUST)

Employment Records:

❖ 2022-Present: Assistant Geomatic Engineer, StructaPro Construction Advisory

❖ 2013-2016: Asst. Geomatic/ Geodetic Engineer, Ghana Geological Survey

Languages:

❖ English and Twi

JNR. GOEMATIC ENGINEER

Name of Staff: Jude Berchie Awuah

Date of Birth: April 10th, 1989

Years with Consultancy: 4 years

Nationality: Ghanaian



Membership of Professional Body:

Ghana Geological Survey Authority (GGSA)

Ghana Institute of Geoscientists (GhIG)

Key Qualifications:

- ❖ Geological engineer with over five years of progressive experience in analysing geological data and applying it to the design of foundations, slopes and earthwork.
- ❖ Strong ability to interpret field and laboratory data and prepare clear technical reports, drawings, and recommendations for engineers, clients, and regulatory authorities
- ❖ Worked as an assistant geological engineer with ABC Consult Ltd., Accra, where I conducted geological and geotechnical site investigations for building road and infrastructure projects and also supervised in situ testing like SPT and permeability tests in Accra and Kumasi from January 2017 to 2019.
- ❖ Between March 2020 and June 2022, I served as an assistant geological engineer with XYZ Construction Ltd., Takoradi. I assisted in geological mapping and subsurface investigations for construction and mining projects in the Western and Central Regions.

Education:

- ❖ 2010-2014: BSc Geological Engineering (KNUST)
- ❖ 2014-2016: MSc Geotechnical Engineering at Heriot-Watt University, Edinburgh, Scotland
- ❖ 2007-2010: High School Diploma, Kumasi High School, Kumasi-Ghana

Employment Records:

- ❖ 2022-Present: Geological Engineer, StructaPro Construction Advisory
- ❖ 2020-2020: Asst. Geological Engineer, XYZ Construction Limited, Takoradi, Ghana.
- ❖ 2017-2019: Asst. Geological Engineer, ABC Consult Limited, Accra-Ghana

Languages:

- ❖ English and Twi

CIVIL WORKS

CIVIL ENGINEER

Name of Staff: Francis Adomako Junior

Date of Birth: April 20th, 1991

Years with Consultancy: 6 years

Nationality: Ghanaian

Membership of Professional Body:

Ghana Institute of Engineers (GhIE)

Institution of Engineering and Technology, Ghana (IET-GH)



Key Qualifications:

- ❖ Experienced civil engineer with strong expertise in structural design, construction supervision and infrastructure development.
- ❖ Extensive hands-on experience in managing site operations, reinforced concrete works, earthworks and drainage systems
- ❖ Skilled in preparation and review of engineering drawings, specifications, BOQs, technical reports and project documentation.
- ❖ Thorough knowledge of Ghana Building Code, relevant civil engineering standards and construction safety regulations
- ❖ Strong leadership, project coordination, problem-solving and stakeholder communication skills

Education:

- ❖ 2007-2011: BSc Civil Engineering, KNUST.
- ❖ 2013-2015: MSc Road and Transportation Engineering, KNUST.

Employment Records:

- ❖ 2020-Present: Civil Engineer, Structapro Construction Advisory.
- ❖ 2015-2020: Junior Civil Engineer, ApexBuild Engineering Ltd.

Languages:

- ❖ English, Twi and Spanish

STRUCTURAL ENGINEER

Name of Staff: BAZANYEYA EZEKIEL

Date of Birth: February 17th, 1994

Years with Consultancy: 4 years

Nationality: Ghanaian

Membership of Professional Body:

Ghana Institute of Engineers (GhIE)



Key Qualifications:

- ❖ Five (5) years of professional experience in handling small to medium structural design projects.
- ❖ Specialised expertise in basic knowledge of structural analysis, load calculations, and material properties.
- ❖ Coordinated with architects and contractors in preparing detailed reports.
- ❖ Strong knowledge of the Ghana Building Code.
- ❖ Certified practising engineer under the Ghana Institution of Engineers (GhIE).

Education:

- ❖ 2015-2018: BSc Structural Engineer, KNUST.

Employment Records:

- ❖ 2022-Present: Structural Engineer, StructaPro Construction Advisory
- ❖ 2020-2021: Assistant Structural Engineer, Y NEAT SERVICES

Languages:

- ❖ English, Kusaal and Twi

ASST. STRUCTURAL ENGINEER

Name of Staff: Kwabena Sagoe

Date of Birth: August 20th, 1990

Years with Consultancy: 5 years

Nationality: Ghanaian



Membership of Professional Body:

Ghana Institute of Engineers (GhIE)

Key Qualifications:

- ❖ Structural Engineer with over six years of progressive experience, with more than two years in structural design, analysis and project management.
- ❖ Complemented by continuous professional bodies in proficiency in structural design software (e.g Auto desk, STAAD, ETABS)
- ❖ Certified practising structural engineer under the Ghana Institution of Engineers (GhIE)
- ❖ Worked as an assistant structural engineer with Attachy construction Ltd., Kumasi, where I worked on multi-storey residential buildings, office complexes, and institutional facilities in Accra and Kumasi from January 2018 to 2020.
- ❖ Between May 2021 and August 2022, I served as an assistant structural engineer with Justmoh Construction Ltd., Takoradi, on both building and infrastructure projects, including hospitals, schools, and drainage systems in the Western and Central Regions.

Education:

- ❖ 2005-2007: High School Diploma, Ghana Secondary Technical School.
- ❖ 2008-2011: BSc Civil Engineering, KNUST.
- ❖ 2012-2013: MSc Structural Engineering, University Of Oxford. Oxford, England, UK.

Employment Records:

- ❖ 2021-Present: Structural Engineer, StructaPro Construction Advisory.
- ❖ 2017-2018: Civil Engineer, Attachy Construction Limited, Kumasi, Ghana.

Languages:

- ❖ English and Twi

HEALTH AND SAFETY

HEALTH AND SAFETY OFFICER

Name of Staff: Abena Frimpomaa

Date of Birth: March 15th, 1992

Years with Consultancy: 6 years

Nationality: Ghanaian



Membership of Professional Body:

Institution of Occupational Safety and Health (IOSH).

General Inspection Safety System (GISS)

Ghana Institute of Safety and Environmental Professionals (GhISEP)

Key Qualifications:

❖ Health and Safety Professional with 8+ years of experience in construction, specialising in risk management, safety training, and compliance. Proven track record of improving safety performance and reducing incidents.

Education:

❖ 2009-2012: BSc Environmental Science, KNUST.
❖ 2014-2015: MSc Occupational Health and Safety, University of Ghana.

Employment Records:

❖ 2020-Present: Senior Health and Safety Officer, StructaPro Construction Advisory.
❖ 2017-2020: Health and Safety Officer, Contracta Construction-UK.
❖ 2016-2017: Assistant Health and Safety Officer, MegaConstruct Ltd.
❖ 2012-2013: Assistant Health and Safety Officer, Maverick Construction Ltd

Languages:

❖ English and Twi



EXPERIENCE IN SIMILAR ASSIGNMENTS

TWO-STOREY STAFF RESIDENTIAL ACCOMMODATION

Location: Kumasi, Ashanti Region, Ghana

Timeline: May 2020 – June 2021 (14 months)

Client: Kumasi Technical University

Scope: Supervision and valuation of a two-storey staff residence, ensuring compliance with Ghanaian building standards, quality finishes, and timely delivery.

KNUST ENGINEERING FACULTY ANNEX PROJECT (THREE-STOREY BUILDING)

Location: Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

Timeline: July 2021 – December 2022 (18 months)

Client: KNUST Engineering Faculty

Scope: Supervision and valuation of a three-storey annex block housing lecture halls, laboratories, and offices. Services included monitoring construction quality, certifying interim valuations, and ensuring cost efficiency and accountability.

CERTIFICATES





CLIENT / COMPANIES WORKED FOR

- Justmoh Construction Ltd. (Current)

Provide supervision and valuation services on civil and residential projects, ensuring compliance with Ghanaian construction standards and timely delivery.

- Castle Steel Structures Ltd. (Current)

Engage in structural design review, supervision, and project documentation for steel-based construction works, supporting industrial and residential developments.

- Maripoma Enterprise Limited (Current)

Delivering consultancy services in supervision, valuation, and project management for ongoing residential and commercial developments.

- KNUST Engineering College (Past)

Supervised and evaluated a three-storey annex block housing lecture halls, laboratories, and offices.

- Dr Kwabena Adjei – Owner of Signature Apartments, Accra (Past)

Oversaw supervision and valuation of high-end residential apartments, ensuring quality finishes and adherence to client expectations.



EQUIPMENTS

Health, Safety, and Personal Protective Equipment (PPE) - Non-Negotiable

- Hard Hats, High-Visibility Vests, and Safety Boots: Steel-toe, puncture-resistant soles.
 - Eye and Ear Protection: Safety glasses/goggles and earplugs or earmuffs.
 - Gloves: Various types (cut-resistant, general-purpose).
 - Portable First Aid Kits: For site visits.
 - Personal Gas Detectors: For confined space entry or sites with potentially hazardous atmospheres.
-

Site Inspection & Measurement Tools

- Laser Distance Meters & Digital Tape Measures: For fast, accurate internal and external measurements.
- Laser Levels: For checking alignments, levels, plumbings, and setting out. Self-levelling models are standard.
- Moisture Meters: Pin and pinless types to detect moisture in walls, floors, and ceilings.
- Thermal Imaging Cameras: For identifying thermal bridges, insulation defects, water ingress, and electrical hot spots. One of the most powerful diagnostic tools.
- Anemometer: For measuring wind speed, crucial for crane operation assessments or curtain wall testing.
- Sound Level Meters: For acoustic compliance testing.
- Slump Cones & Cube Moulds: For basic concrete quality control tests on site.
- Crack Monitoring Kits: Tell-tales or digital crack gauges to monitor movement over time.
- Borescope/Endoscope: A small camera on a flexible cable to inspect inside cavities, ducts, or behind finishes.
- Trundle Wheel & Measuring Wheels: For longer external distances.
- Digital Callipers and Gauges: For precise small measurements.

EQUIPMENTS CONT'

Geotechnical & Structural Investigation Equipment

- Coring Machines: For extracting concrete cores for strength testing.
 - Rebar Locators & Cover Meters: To detect reinforcement bars and measure concrete cover depth.
 - Schmidt/Reilly Hammer: For non-destructive testing of concrete surface hardness (indirect strength indication).
 - Pachometers: To measure the diameter of reinforcing bars.
 - Dumpy Levels/Theodolites/Total Stations: For precise surveying, setting out, and monitoring structural deformation. Often now part of the drone ecosystem.
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Software & IT Infrastructure

- Building Information Modelling (BIM) Software: (Autodesk Revit, ArchiCAD) for design review, coordination, and clash detection.
- CAD Software: (AutoCAD) for creating and reviewing 2D/3D drawings.
- Project Management & Scheduling: (Primavera P6, Microsoft Project, Asta PowerProject) for program analysis and delay assessment.
- Cost Estimating & QS Software: (CostX, Bluebeam Revu) for digital takeoffs and cost planning.
- Document Management Systems: (Aconex, Viewpoint, Procore) for controlled distribution of RFIs, drawings, and reports.
- Specialist Analysis Software: For structural analysis, energy modelling, and acoustic analysis.

EQUIPMENTS CONT'

Digital Documentation & Data Capture (The Digital Eye)

- High-Resolution Digital Cameras & 360° Cameras: For comprehensive visual documentation.
 - Drones (UAVs) with High-Res & Thermal
 - 3D Laser Scanners: For creating extremely accurate "point cloud" models of existing structures (as-built surveys), monitoring deformation, and clash detection. Represents a higher level of investment.
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Office & Communication Essentials

- Large Format Monitors/Dual Screens: Essential for working on drawings and complex models.
 - High-Quality Printers/Plotters: For printing large-scale drawings and reports.
 - Portable Projectors/Presentation Screens: For client and stakeholder meetings on-site or in the office.
 - Reliable Mobile Internet Solutions: Mobile hotspots for remote site connectivity.
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Transport & Mobility Resources

- Company Vehicles (SUVs/4x4 Pickups): For reliable access to construction sites, especially in areas with challenging terrain.
- Motorcycles/Field Bikes: For quick site inspections.
- Fuel Cards & Logistics Support: Ensuring efficient management of transport costs and mobility planning.
- Driver & Logistics Team: Dedicated personnel to support the safe transport of staff, equipment, and documents.
- Vehicle Tracking Systems: For monitoring movement, ensuring safety, and optimising transport efficiency.

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