

CHARLES OWUSU AGYAPONG

[Civil Engineer]

CONTACT

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Central Region

EDUCATION

KWAME NKURUMAH
UNIVERSITY OF SCIENCE AND
TECHNOLOGY [KNUST]
BSc. Civil Engineering,
[June 2016]

CAREER HIGHLIGHTS

Design & Civil Field Works:
Over Five (6) years' experience in Structural & Civil Works Design and Civil Construction works such as Drainage, Road, Buildings and other Concrete works both with Local and Foreign Companies.

Exceptional Work Ethics:
Reputation for demonstrating exceptional work ethics, such as reliability, integrity, faithfulness and professionalism, often earning praises and awards from supervisors, colleagues and subordinates.

Leadership & Teamwork:
Possess the skill of forming harmonious relationships with work colleagues and demonstrating a sense of leadership in every season, often proving exceptionally

PROFESSIONAL SUMMARY

Technically skilled, and detail-oriented Civil Engineer with a strong background in design and construction of various civil works, including drainage systems, buildings, roads, and concrete structures.

Adept at leading teams and coordinating with stakeholders to ensure projects are delivered within budget and on schedule while maintaining a focus on quality and safety.

Demonstrates strong leadership, teamwork, communication and organizational skills, often receiving praises for reliability and professional work ethics. Committed to delivering exceptional results and contributing to the success of engineering projects.

RELEVANT WORK EXPERIENCE

DN OSEI CO. LTD (NEWMONT SUPPORTING SERVICE SUPPLIER)

PROJECT ENGINEER [August 2023 – Oct 2023]

- Provide technical expertise and support to the project team.
- Collaborate with architects, designers, and other engineers to develop project plans and specifications.
- Contribute to the design process, including the preparation of drawings and specifications.
- Assist in the development of project plans and engineering designs.
- Contribute to the development and monitoring of project budgets.
- Work to control costs and find cost-effective solutions.
- Assist in the creation and maintenance of project schedules.
- Monitor and report on project progress.
- Coordinate the procurement and delivery of materials and equipment.
- Ensure that materials meet quality standards.
- Supervise and inspect construction activities to ensure compliance with project plans and specifications.
- Address technical issues and challenges on-site.
- Implement and monitor quality control processes.
- Ensure that construction work meets engineering and design standards.
- Maintain accurate and organized project documentation, tender documents, including engineering drawings, calculations, and reports.
- Keep records of changes and modifications to the original design.
- Coordination with Stakeholders:
- Collaborate with project managers, architects, contractors, and subcontractors to achieve project goals.
- Communicate technical information effectively to non-technical stakeholders.
- Identify and solve technical challenges that may arise during construction.

valuable in every team.

SKILLSET & EXPERTISE

Computer: Proficient experience in several CAD and **Analysis & Design** Software.

- Junior to Intermediate skill level in Computer Programming, particularly Web Applications Development.

Software & Technologies:

Proficient skills with analysis, design, detailing and reporting software including;

- PROTA Structures, PROKON, ETABS, AutoCAD (Standard Drafting and Annotation, Civil 3D, Architecture, Revit).

- MS Office Programs (such as Excel, Word, Access, PowerPoint, Publisher).

- Project Management with Primavera P6 and Microsoft Office Project.

- Junior to Intermediate skills in Web Development (HTML, CSS, JavaScript, & React Framework)

Personal Qualities:

Resourceful, Smart, Quick Learner and have commendable professional work ethics with eye for detail and precision, with commendable presentation and communication skills.

- Work to find engineering solutions that align with project objectives.
- Stay informed about and ensure compliance with relevant building codes, regulations, and standards.
- Obtain necessary permits and approvals.
- Contribute to the development and enforcement of safety protocols.
- Monitor and address safety issues on-site.
- Coordinate and oversee testing and inspection activities.
- Ensure that materials and construction methods meet specified standards.
- Assist in the commissioning process to ensure that systems and components operate as intended.
- Address any issues during the commissioning phase.
- Assist in the closeout process, including final inspections and documentation.
- Prepare as-built drawings and documentation for project records.

SHIMIZU DAINIPON JOINT VENTURES (SDJV), SHIMIZU CORPORATION **REHABILITATION OF N8 ROAD; ASSIN PRASO – ASSIN FOSU**

Site Engineer; Drainage and Concrete Works [May 2021 – June 2023]

- Led and supervised a team of 12-16 workers daily in the construction of civil works, ensuring adherence to design specifications for pipe culverts, access pipes, pre-cast side ditches, box culverts, steps, retaining walls, bus stops, and concrete barriers.
- Assisted the Construction Manager in coordinating and supervising site construction activities, presenting daily reports, and monitoring construction progress.
- Managed site resources and materials, including the requisition and usage of materials for construction.
- Organized daily safety toolbox meetings and enforced environmental, health, and safety standards in collaboration with safety officers.
- Liaised with third parties, stakeholders, and local authorities to ensure compliance with local construction regulations and by-laws.
- Checked construction progress every day, report and monitor on how-to catch-up schedule if any delays.
- Liaised with local authorities where appropriate to ensure compliance with local construction regulations and by-laws.
- Liaised with Consultants, Sub-Contractors, Supervisors, Planners, Designers, Surveyors and General Workforce involved in the project.
- Worked together with HSE staff to enforce environmental, health and safety standards at all times.
- Performed miscellaneous job-related duties as assigned by Construction Manager and other Supervisors from time to time.
- Cross trained colleagues, especially new employees on Companies standards and work procedures, adding value to colleagues from time to time.

ARCHITECTURAL AND ENGINEERING SERVICE LTD (A.E.S.L), KUMASI

Assistant Structural Engineer & Quality Control [Jan. 2021 to May 2021]

- Assisted the Structural Engineer in collaborating with clients and other professional stakeholders such as Architects, Plumbing and Mechanical

AWARDS & CERTIFICATES

- Certificate in Special Safety Training, Uni-House Global Ltd, Shimizu Cooperation February 2023.

- Good performance and Safety Award, Shimizu Cooperation, June 2023.

- Best National Service Person KMA, Project Management Certificate, Urban Roads, August 2017.

Special Mentions:

Having a reputation for often proving a valuable member of teams, performing roles and tasks with professionalism, and earning special recognitions and respect from supervisors and colleagues. Usually, being one of the top and best performing workers in any team, as in the case of Shimizu Dannipon, A.E.S.L and National Service.

Engineers in performing structural analysis and preparing Design and Detailing reports for building structures to meet BS 8110 and Eurocode 2 Specifications.

- Provided Consulting services and ensuring quality of work
- Conducted building assessment exercises and prepared structural integrity reports to facilitate decision-making processes.
- Calculated material quantities for effective material requisition in construction.
- Ensured safety and progress of construction projects by liaising with the general workforce on-site and assisting in quality control checks.
- Prepared work schedules and assisted in the preparation of reports and schedules for project management.

JUBILEE CONTRACTORS, KUMASI

Assistant Site Supervisor [Nov. 2020 to Jan. 2021]

- Assisted in supervising road construction projects and coordinated work activities and site labour.
- Provided documented site reports to the project manager, conducted routine site safety and progress meetings.
- Collaborated with surveyors, artisans, and subcontractors to coordinate site construction activities.
- Managed the requisition and effective use of materials for construction.
- Cross-trained colleagues on interpreting construction design drawings and report production.

LEADCOM GHANA LTD, KUMASI

Site Engineer & Documentation Officer [May 2020 – Nov. 2020]

- Conducted field investigations, foundation mapping, and condition surveys for the maintenance of telecommunication towers and structures.
- Conducted regular HSE training for general workers, ensuring a safe working environment.
- Processed tower mapping field reports and produced draft tower designs using AutoCAD and Microsoft Excel.
- Prepared and documented site reports based on field investigations.
- Taught and cross-trained colleagues on engineering practices related to design, field investigations, and report production for telecommunication towers.

ROCON ENGINEERING LTD, KUMASI

Assistant Consulting Engineer [June – Nov. 2019]

- Conducted existing road condition surveys, reconnaissance surveys, and feasibility studies for road projects.
- Performed site inspections and provided reports to consultants for decision-making processes.
- Assisted in the production of geometric designs using AutoCAD Civil 3D, Microsoft Excel, Project, and Word.
- Trained colleagues on field investigations, report documentation, Microsoft Project, AutoCAD, and other relevant skills.

DEPARTMENT OF URBAN ROADS, KUMASI**National Service Person [Sept. 2016 – Sept. 2017]**

- Conducted existing road condition surveys, reconnaissance surveys, and feasibility studies for road projects.
- Performed site inspections and provided reports to consultants for decision-making processes.
- Assisted in the production of geometric designs using AutoCAD Civil 3D, Microsoft Excel, Project, and Word.
- Trained colleagues on field investigations, report documentation, Microsoft Project, AutoCAD, and other relevant skills.

ADDITIONAL INTERNSHIP EXPERIENCE

- Building and Road Research Institute, Kumasi, (CSIR/BRRRI)
Geotechnical Lab. Technician [June – August, 2015]
- Ghana Highway Authority, Kumasi.
Geotechnical Lab. Technician [June – August, 2014]

REFERENCES

- **Engr. Yoshioka Shingo**
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