



Civil Engineer Geotechnical Specialist

Julien Babarinde KOUDORO

Civil engineer specialized in geotechnics with experience in project management, site supervision and team coordination. Expert in soil analysis, foundation design and geotechnical risk assessment. Focused on efficiency and problem-solving, with a passion for innovation and optimizing results.

CONTACT DETAILS



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Abomey-Calavi/Cocotomey

TRAINING COURSES

Diploma in Civil Engineering Design Specializing in Geotechnics

UNSTIM/ENSTP/ABOMEY 2020-2023

Skills in geological analysis, soil mechanics, foundations, ground stabilization and project management.

Ready to contribute to the design, construction and management of sustainable and resilient infrastructures. Classes Préparatoires aux Grandes Écoles d'Ingénieurs

UNSTIM/INSPEI/ABOMEY 2018-2020

An intensive two-year program preparing students for the entrance examinations to the Grandes Ecoles d'Ingénieurs, with a focus on mathematics, physics, chemistry and engineering sciences.

Scientific Baccalaureate

CEG 1 Ketou
2008-2010

LANGUAGES

French Professional level

English Professional level

Yoruba Mastery

AREA OF INTEREST

- Technological innovation , Engineering projects;
- Continuing education , Outdoor activities;
- Community involvement, Professional associations
- Ecology and sustainability
- Leadership and personal development

SKILLS

Project monitoring skills

- Follow-up of project schedules and milestones
- Management of allocated resources and budgets
- Team coordination and monitoring of assigned tasks
- Monitoring quality and compliance with project standards
- Regular progress reports and communication with stakeholders

Software design skills

- Ms Excel, Ms Project , Autocad
- Proficiency in computer-aided design (CAD) software such as ALIZE LCPC, Plaxis, Geostudio, Robot Expert, Robot RSA, Robot CBS, Voirie Béton
- Ability to draw up detailed plans and models for civil engineering projects
- Advanced use of software features to optimize infrastructure design and performance

Online project management software skills

- Use of online project management platforms such as Mezzoteam, Trello, etc.
- Creation and monitoring of project dashboards
- Manage project-related documents and files in an organized way accessible to the team
- Collaborate with team members and stakeholders via the communication and file-sharing features of online platforms

QUALITIES

- 1) Strong technical skills
- 2) Critical analysis
- 3) Attention to detail
- 4) Project management
- 5) Effective communication
- 6) Team spirit
- 7) Adaptability
- 8) Professional integrity
- 9) Results orientation
- 10) Curiosity and continuous learning

PROFESSIONAL EXPERIENCE

Internship Assistant to the Project Manager for the Construction of Centralized Access and Parking Zongo Department of Infrastructure | Autonomous Port of Cotonou| November. 2023 - Present

- Assist the ACPZ Project Manager in the day-to-day management of activities.
- Collect, analyze and interpret data relevant to the project.
- Prepare detailed reports on project progress and results.
- Participate in project meetings and take notes during discussions.
- Contribute to the planning and execution of the various stages of the project.
- Collaborate with other team members to achieve objectives.
- Ensure effective and regular communication with internal and external stakeholders.
- Develop creative solutions to challenges encountered during the project.
- Maintain a high level of professionalism and integrity in all project-related interactions.
- Demonstrate an interest in and commitment to projects with a positive social and environmental impact.

Internship at the Department of Major Works: Autonomous Port of Cotonou| August . 2023 - October. 2023

- Assist the Project Manager in the operational management of the Terminal 5 and Centralized Port Access project.
- Participate in the coordination of the various project management phases, from design to completion.
- Collaborate with the various internal and external stakeholders involved in the project.
- Collect, analyze and present relevant data for project monitoring and reporting.
- Contribute to the preparation of progress reports and documents for follow-up meetings.
- Attend project meetings and take notes to ensure follow-up of decisions taken.
- Participate in the planning and organization of the various stages of the project.
- Propose creative solutions to challenges encountered during project implementation.
- Maintain regular communication with field teams and other departments involved.
- Develop a thorough understanding of the technical, logistical and financial aspects of the project.

Geotechnical laboratory internship : CNERTP | COTONOU| April . 2023 - Aug. 2023

- Assist laboratory engineers in carrying out geotechnical and road tests.
- Participate in the preparation of soil samples and materials to be tested.
- Perform laboratory tests according to established protocols, such as compaction, shear and compression tests.
- Analyze test results and contribute to technical reports.
- Assist in the maintenance and operation of laboratory equipment.
- Collaborate with the team to ensure compliance with quality and safety standards.
- Participate in field studies to collect samples and carry out in situ tests.
- Learn and familiarize yourself with the methods and techniques used in soil mechanics and road testing.
- Ask questions and seek to understand the theoretical concepts underlying laboratory activities.
- Contribute to the research and development of new testing methods or improvements to existing procedures.

Technical Controller Internship: ACEP | COTONOU | August. 2022 - Nov. 2022

- Carry out regular inspections on pavement and drainage construction sites.
- Verify that the work carried out complies with the plans, technical specifications and standards in force. Document inspection results and draft detailed reports on findings. Work closely with contractors and construction teams to resolve identified problems.
- Follow up on non-conformities and propose appropriate corrective measures. Perform tests and measurements on materials used in construction, such as pavers and sanitation elements.
- Participate in site meetings to discuss progress, challenges and proposed solutions.
- Contribute to the continuous improvement of construction processes and quality control practices.
- Keep abreast of technical and regulatory developments in storm drainage and road construction.
- Gain valuable practical experience in technical control and supervision of urban infrastructure projects.

PROFESSIONAL EXPERIENCE

Internship Assistant to the Site Manager

ESPEMMA SARL| Sep .2021 -November. 2021

- *Assist the site manager in planning and organizing construction work.*
- *Coordinate the various work teams on site and ensure compliance with deadlines and quality standards.*
- *Carry out site surveys and participate in the assessment of site risks and constraints.*
- *Monitor work progress and identify any problems or delays.*
- *Monitor the supply of materials and equipment required for construction.*
- *Work with subcontractors and suppliers to ensure proper execution of tasks.*
- *Contribute to the administrative management of the site by preparing progress reports and tracking technical documents.*

EXTRA-PROFESSIONAL EXPERIENCE

Geotechnical Expert Assistant

MKAT-VAV| April .2023 -April. 2023

- Assistant manager within the team of geotechnicians, responsible for the technical and geotechnical investigation of a building with a complex structure (R+8 with basement and mezzanine).
- Involved in the planning, implementation and analysis of geotechnical studies, as well as in the supervision of field work.
- Active contribution to the identification and management of geotechnical risks to ensure structural stability and durability.

CERTIFICATIONS

Scientific Communication /UAC

- Involved in a symposium on the valorization of endogenous knowledge, with a focus on sustainable development. Enriched exchanges with experts and contributed to discussions on best practices for sustainable use of local knowledge.

Member of the American Society of Civil Engineering

- Active member of the American Society of Civil, participating in exchanges and sharing knowledge in the field of civil engineering.

Publication of scientific articles

- Author of a scientific article on "Study of the geotechnical characteristics of structural foundation soils: the case of the AKPAKPA region in Benin".

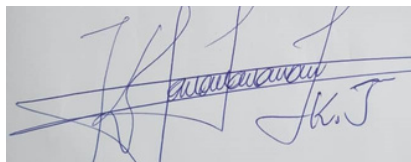
Publication of scientific articles

- Author of a scientific article entitled "Geosynthetic reinforcement: a strategy to prevent the deformation of soft pavements on unstable ground.

REFERENCES

- *AGBELELE Judicaël, PhD in Geotechnics, UNSTIM. Contact: +22997062983*
- *AHLIHAN Karl Marx, Ph.D. in Geotechnics. Contact: +22995747899*
- *KPODO Jaurès, ACPZ Project Manager, Autonomous Port of Cotonou. Contact: +22996066322*
- *ADAHE Félix, PRMP, Autonomous Port of Cotonou. Contact: 97475338*
- *ADAMO Esposito, Head of the Land Infrastructure Department, Autonomous Port of Cotonou. Contact: 90257812*
- *Hervé Breton, Former General Manager of Cotonou International Airport.*

By signing below, I certify that all data presented in this CV is truthful and in line with my professional and academic experiences.



02/05/2024 **Julien Babarinde KOUDORO**