

# Destiny Oghenetega Tietie

Structural Engineering Graduate

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## PROFILE

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A graduate of structural engineering with solid academic and real-world expertise in materials testing, reinforced concrete design, and structural analysis. Competent in basic engineering laboratory techniques, Protastructure, and AutoCAD. Possesses outstanding research, analytical, and problem-solving abilities. Enthusiastic in sustainable building, advanced structural design, and pursuing graduate work to support creative engineering solutions.

## EDUCATION

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**Bachelor of Engineering (B.Eng) in Civil Engineering (Specialization: Structural Engineering)**

*University of Benin*

25/2018 – 04/2023

Benin City, Edo State  
Nigeria.

Specialized in Structural Engineering with a strong foundation in structural design, analysis, and construction supervision. Proficient in Protastructure and AutoCAD, with hands-on experience from lab tests and field internships.

## PROFESSIONAL EXPERIENCE

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### Site Engineer

*Earth International & Investment Company Limited*

03/2024 – 04/2025

Ozubulu, Anambra  
State Nigeria

Supervised on-site construction works and ensured strict compliance with structural and architectural drawings.

Coordinated daily site operations, assigned tasks to workers, and monitored project progress.

Checked reinforcement detailing, formwork alignment, and quality of materials delivered to site.

Worked closely with project managers and artisans to maintain quality standards and safety procedures.

Prepared site reports, documented activities, and assisted in material estimation and cost control.

### Achievements:

Maintained consistent construction quality and safety standards across all supervised projects. Achieved significant reduction in material wastage through proper supervision and accurate batching control. Contributed to the timely completion of key structural works through effective coordination and site planning. Earned commendation from senior engineers for diligence, technical competence, and teamwork.

### Structural Engineering Intern

*University of Benin -Civil/Structural Engineering Laboratory*

06/2022 – 10/2022

Benin City, Edo State  
Nigeria

Assisted in conducting key laboratory tests such as Slump Cone, CBR, Tri-axial, Aggregate Crushing Value (ACV), and Aggregate Impact Value (AIV).

Prepared test samples, operated testing equipment, and accurately recorded and analyzed data.

Ensured compliance with laboratory safety standards and equipment maintenance.

Supported supervisors and students during experiments with technical assistance and data documentation.

### Achievements:

Improved efficiency in material testing and result documentation through organized data handling. Gained solid technical experience in assessing soil, aggregate and compressive strength tests for structural design applications.

## SKILLS

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### Technical Skills

Structural Design: Protastructure, manual calculations.

Drafting: AutoCAD (basic).

Materials Testing: CBR, ACV, AIV, slump test, moisture content.

Engineering Documentation and Data Analysis: MS Word, Excel, PowerPoint.

### Soft Skills

Problem-solving

Analytical reasoning

Teamwork

Research writing

## PROJECTS

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### Research and Academic Project

02/2023 – 04/2023

*Comparative Analysis and Design of Multi-storey Building Using Protastructure and Manual Calculations*

Designed structural elements including beams, slabs, columns, and foundations.

Compared manual structural calculations with computer-aided design results.

Evaluated cost, efficiency, safety, and load-bearing performance of the structure.

Strengthened research, documentation, data analysis, and technical reporting skills.

### Residential Building Construction (One-Storey Structure)

06/2024 – 03/2025

Supervision and quality control during substructure and superstructure works.

Assisted in supervising the construction of a reinforced concrete one-storey residential building.

Ensured proper concrete mix ratios, monitored reinforcement placement, maintained quality and safety standards, and supported site documentation and material management throughout the project phases.

## AWARDS

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### Excellence in Laboratory Performance

09/2022

*University of Benin -Civil/Structural Engineering Laboratory*

Awarded for accuracy, diligence, and technical competence during structural engineering material testing

### Recognition for Outstanding Site Supervision

04/2025

*Earth International & Investment Company Limited*

Commended by senior engineers for maintaining high-quality construction standards and ensuring effective site coordination.

## CERTIFICATES

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- Microsoft Excel (Beginners, Intermediate, Essentials & 2013) –Alison (Ireland), 2025

## REFERENCES

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**Engr. Festus Tietie**, *Managing Director*, Earth International & Investment Company Limited  
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**Engr. MusaAaron Esrkhangbona**, *Project Supervisor*, University of Benin  
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