

Edmond Rotimi Fagbuyi M.Sc., B.Sc.

Structural Engineer & Front End Developer

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EDUCATION

Master of Science (Civil Engineering)

June 2021

University of Lagos, Akoka, Nigeria

Focus: Structural Engineering, Concrete Science and Material (CGPA: 91.2% - Distinction)

Bachelor of Science (Civil & Environmental Engineering)

January 2016

University of Lagos, Akoka, Nigeria

Focus: Structural Engineering (CGPA: 77% - Second Class Upper)

A self taught and creative Front-End Developer offering about 2 years of experience. Skilled in designing, developing and testing multiple web-based applications incorporating a range of technologies. Aspiring to combine broad background with strong technical skills to excel as a Front-End Developer. Building a career in programming hence, I am open to internship.

PROFESSIONAL EXPERIENCE

Civil Engineer

Royal HaskoningDHV

January 2018 – Present

- Worked with a team of experts from around the world to supervise the Construction process of the **(GREAT WALL OF LAGOS, EKO ATLANTIC CITY)** and managed work with the contractors to ensure optimal productivity.
- Supervised the production process and placing process of Five (5) tonnes Concrete Accropode units into the Sea, and enhanced supervision with the use of drone aircraft.
- Supervised the fabrication of Fiber Reinforced polymer Concrete Wave-wall.
- Eliminated project lags by inspecting work-in-progress, tracking lead times and testing work to ensure compliance and top-quality control. Constantly kept records, documented information, wrote daily reports, and technical reports.

Structural Engineer

July 2017 to December 2017

Chicossile Construction Nig. LTD

- Was in a team of Engineers responsible for creative design for prominent projects in Lekki Oral Estate.
- Interpreted drawings, Prepared reports, designs and drawings. Obtained planned and/or building regulations approval liaising with relevant professional staff such as Architects.
- Designed and detailed concrete and steel building with the aid of AutoCAD 2D, Revit Structures and Autodesk Robot.
- Quality site supervision of building, cost estimation, ensured proper adhesion to drawings, good quality control of concrete mix and materials.

Civil Engineer

May 2017 to June 2017

Beryl Shelter, Real Estate Firm

- Supervised employees throughout design and execution of projects. Created schematics plans for new construction or renovation projects. Studied and interpreted architectural drawings.

Further Mathematics & Physics Teacher

July 2016 to May 2017

National Youth Service Corp

- Inspired academic success based on belief that all students can achieve excellence, regardless of background.
- Helped students develop important learning skills and good study habits useful in trade school or college education.
- Created engaging lesson plans, fostered culture of discovery and provided well-organized classroom structure to help students succeed in program.

Intern Structural Engineer

August 2014 to February 2015

RedGrey Associates

- Studied Architectural drawing and converted to structural drawings with the aid of AutoCAD.
- Got familiar with the British standard use for design of reinforced concrete structures.
- Made use of prepared Microsoft excel spreadsheets to designs structural elements.
- Got acquainted with engineering software (Orion, Revit Structures and AutoCAD 2D) used to model, design, and draft medium-rise buildings.
- Engaged in Supervision of some structures in Pan Atlantic University Lekki Epe & Owel-Linkso, Lekki.

SKILLS

Specialized in Civil Engineering: AutoCAD 2D, Autodesk Revit Structures, Autodesk Robot Structural Analysis, Prota Structures, Orion, Microsoft office (Word, Excel and PowerPoint), HTML, CSS.

Programming Language: JavaScript

LEADERSHIP/VOLUNTARY ROLES

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| • Vice President Civil & Environmental Engineering Department, Unilag | 2014 |
| • Chairman Nigeria Society of Civil Engineers, Unilag | 2015 |
| • Public Relations Officer NYSC Community Development Service | 2017 |