

Emmanuel Oregbe Eru

Date of birth: 30/01/1991 | **Nationality:** Nigerian (Nigeria) | **Gender:** Male |

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Ogba, Ikeja, 100218, Lagos, Nigeria

About me:

A result-oriented professional with 5 years of progressive experience and a proven knowledge covering data communication networks, fiber optics, Industrial automation/instrumentation engineering design projects, Renewable Energy (Solar) Solutions, and on-site engineering project

EDUCATION AND TRAINING

06/01/2011 – 28/07/2016 – **Federal University of Agriculture, Makurdi, Benue State, Nigeria**
BACHELOR OF ENGINEERING IN ELECTRICAL/ ELECTRONICS ENGINEERING (FIRST CLASS HONOURS)

WORK EXPERIENCE

17/06/2019 – CURRENT – Ikeja, Lagos, Nigeria
ELECTRICAL/INSTRUMENTATION ENGINEER – SMARTFLOW TECHNOLOGIES LIMITED

- Solar Home Systems Energy: integration of Solar Home Systems with the Power Grid.
- Health and Safety: supervising field technicians to ensure maximum safety procedure in execution of all jobs.
- Project commissioning: new equipment installations, testing and commissioning
- Training: provision of end-user follow-up and training on all operating aspects of the installed systems
- Controls Systems Design: Level, Flow, and Pressure control panel designs and installation to automate processes and minimize losses in manufacturing and energy sector.
- Design and installation of Fuel Tanks automatic gauging systems
- Retail Automation: design and installation of self-service petrol stations with the ability to capture fuel transactions remotely on the cloud.

07/04/2018 – 05/05/2019 – Surulere, Lagos, Nigeria
TECHNICAL SOLUTIONS RESEARCH ENGINEER – A1 POWER TECHNOLOGIES LIMITED

- Performed site visits on new project opportunities to determine the available site power and utility/facility constraints, collated data regarding construction permits, and assisted with preparation of cost estimates.
- Researched on solar energy innovative solutions (solar stand-alone systems, mini-grids, Productive Use of Energy) which led to the deployment of solar home systems to unserved and underserved areas.
- Implemented design specifications and functional requirements of solar energy system development, monitoring and evaluated activities as designed for the specific site.
- Operational level understanding of the requirement of the clients/customer, site feasibility and solar systems complete execution.
- Responsible for safety trainings and toolbox talks for field engineers/technicians that resulted in zero accidents/incidents recorded during the period.

04/04/2017 – 17/03/2018 – Port Harcourt, Nigeria
MATHEMATICS TEACHER – SKYLINE FOUNDATION SCHOOLS

- Instructed senior secondary school students in mathematics.
- Prepared lesson plans and materials, monitor the students' progress, assist individually when necessary, and evaluate the students' knowledge and performance on the subject of mathematics

through assignments, tests and examinations.

07/10/2014 – 18/03/2015 – Yaba, Lagos, Nigeria

INTERN – AJOGBE GROUP OF COMPANIES (MOBILESPREAD) LIMITED

- Actively involved in the OFC route planning of MTN NG NFE VI CONNECTIVITY within Lagos metropolis.
- Responsible for splicing and termination of OFC link across different sites. Responsible for sending daily project/tasks progress reports.
- General testing/troubleshooting of OFC link, pre-FAT/FAT and commissioning.

PERSONAL SKILLS

Microsoft Office suites | Autodesk AutoCAD (optimal knowledge) | Basic Programmable Logic Controllers (PLC), Instrumentation and industrial Automation design | Solar Energy Systems | Protues software | Computer Networks | Reading of Electrical diagrams and P&ID | Excellent troubleshooting skills | Health and Safety compliant

OTHER SKILLS

Social Media | Organizational and planning skills | Written and Verbal | Good listener and communicator | Team-work oriented | Decision-making | Critical thinking | Self Motivated | Analytical skills

PROJECTS

Design and Construction of Home Appliance Switching System using GSM

Design and installation of Self-Service Fuelling Station with remote monitoring using GIR Fuel Management System (FMS)

Design and installation of Tank automatic level switch and product transfer

Design of and installation of Automatic shutdown of pumps

Installation of Tank farm overfill protection systems

HONOURS AND AWARDS

David Mark scholarship Award, 2014-2015

Scholarship contribution to unionism, Nigerian Universities Engineering Students Association (NUESA), UAM chapter, 2014

3rd Best Graduating Student in class, Electrical/Electronic Engineering Department, UAM, 2016

MEMBERSHIPS

Member, International Association of Engineers (IAENG), 2020

Graduate member, Nigerian society of Engineers (GMNSE), 2022

OTHER TRAINING AND CERTIFICATION

Electrical Maintenance and installation- Field of Skills and Dreams VTE, September, 2020

Certificate in Safety, Health and Environment (UKSHE Level 1-3), British International Safety Organisation, August, 2017

References: Available on demand.