

AYENI OMOTAYO OLUWASEGUN

P.O.BOX 44, BWARI, ABUJA, NIGERIA

omotayoayeni@yahoo.com Tel: 234-8038479933, 234-8026333330.

PERSONAL STATEMENT

I am intelligent, highly organized and an excellent team player. I am committed to my chosen course of career and I have strong motivation for success and excellence in all I do. I am seeking a challenging and rewarding dredging and geotechnical engineer/engineering geologist/ geologist position that could offer career development.

My career objective is to provide a leading edge service that will enhance the organization's corporate goals where challenges could be translated to success.

PERSONAL DATA

Gender	:	Male
Date of Birth	:	October 1, 1973
Marital Status	:	Single
Nationality	:	Nigerian
Religion	:	Christianity

EDUCATION AND QUALIFICATIONS

2002-2005	University of Ibadan, Ibadan, Oyo State * Master of Science degree in Geology (Engineering Geology /Hydrogeology)
1994-1998	University of Nigeria, Nsukka, Enugu State. * Bachelor of Science degree in Geology
1990-1992	Federal Polytechnic, Ado Ekiti, Ekiti State * National Diploma in Mining Engineering
1984-1989	Ire Akari Grammar School, Isolo, Lagos * West African School Certificate Examination

MSc. Engineering Geology & Hydrogeology (List of modules)

Advanced Engineering Geology, Soil Mechanics, Rock mechanics, Foundation systems
Advanced Hydrogeology, Surface and groundwater Hydrology, Applied Hydrogeology,
Surveying for Geologists, Advanced structural Geology, Exploration Geophysics,
Seismic and well logging methods Photogeology and remote sensing, Methodology of
Geological research, Postgraduate seminar in Geology, Research project in Geology.

PROFESSIONAL AFFILIATIONS

- 2003 Member, International Water Resources Association (MIWRA), USA
2003 Member, Nigerian Association of Engineering Geologists and Environment
(MNAEGE)
2002 Member, Nigerian Mining and Geoscience Society (MNMGS)
(C-04-2627)

2001 Member, International Association of Structural/Tectonic Geologists
(MASTG), UK (IA-1287)
1996 Member, Nigerian Association of Petroleum Explorationists (MNAPE)

WORK EXPERIENCE

2007 to date **Water Genius Nigeria Limited, Abuja, Nigeria**
(Water Resources & Environmental Engineering Firm)
Status: Hydro-geotechnical engineer/Supervisor
Job Contents:

Pre-drilling activities: reconnaissance and geophysical survey, co-
ordinating/supervising the excavation of river bed materials and
associated vegetation/water hyacinths using dragline and other dredging
equipment, Environmental Impact Assessment studies/Auditing (EIA/A),
River Channeling, stockpiling and Land Reclamation etc, Supervision of
drilling activities and lithological sampling, Well completion and
development
Supervision of reticulation of water

2002 - 2006 **Leksho Consult Nigeria Limited (Geo-environmental Engineering
Firm), Lagos.**
Status: Senior Geologist
Job Contents:
i Soil Mapping and characterization for the purpose of road construction

- ii Supervision of borehole drilling, coring /logging and preparation of litho-logs for water resources development.
- iii Hydrogeochemical Assessment and Environmental Impact Auditing of groundwater (Hand dug wells) in the vicinity of Solid Waste Disposal Sites.
- iv Contaminant Plume mapping of discarded fuel and lubricants in stream and river channels in the vicinity of Mechanic Village /Workshops.
- v Site Reclamation and Remediation sequel to massive erosion /environmental degradation.
- vi Geological Evaluation of proposed dumpsites and Landfill Engineering performance studies.
- vii Landscape Engineering, Terrain /Topographic mapping for the purpose of Urbanization and Environmental Management.
- viii Drainage Engineering and Slope Stability of some embankments in erosion –prone areas.
- ix Surface and Groundwater quality Monitoring and Appraisal sequel to indiscriminate discharge of raw effluents from manufacturing industries.
- x Hydrogeotechnical Assessment of Engineering Construction Sites and Environmental Impact Studies of Proposed Filling Stations.
- xi Formulation of Geotechnical and Geo-environmental Proposals and Report Writing.
- xii Geo-environmental Resource Management, Land Information System , Analysis and Interpretation using Microsoft Excel.

2002 **Foundation Construction Limited, Victoria Island, Lagos**

Status: Geologist

Job Contents:

- i Acquisition of Field data (Soil Investigation)
- ii Processing the Field data of the following geotechnical tests: Atterberg Limits, Consolidation and Penetration Tests using Microsoft Excel.

2000-2002 **Global Environmental Consult Initiative** (Water Resources and Environmental NGO), Lagos

Status: Research Officer

Job Contents:

- i Flood detection and Catchment Management
- ii Environment Pollution Monitoring and Assessment of Engineering Performance of Sanitary facilities.
- iii Facilitation of Synergy between Community Health workers and Local Government Agencies for Water and Environmental Management.

1998-1999 National Youth Service Corps (NYSC)
Nigerian Institute for Oceanography and Marine Research, Victoria Island, Lagos.

Status: Geologist

Job Contents:

- i Beach Profiling and Hydrometeorological Data Acquisition, Processing and interpretation in the Marine Geology/Geophysics Laboratory and Workstation.
- ii Hydrogeomorphological study of the impact of ocean dynamics on the bar-beach.
- iii Pollution Monitoring and Effects of Sea Spray on the Victoria Island Beach.
- iv I participated in the Supervision of the Construction of Wave-break and dredging of the Victoria Island beach (dredging operations) using excavators, dragline, pay loaders, swamp buggy e.t.c., and stockpiling of excavated materials on the seashore.

UNPUBLISHED PAPERS

- 2004 Hydrogeochemical Appraisal of Effluents and Stream Quality in Parts of the Southwestern Nigeria- A Master's degree dissertation.
- 2002 Soil and Land Contamination: The Roles of Wetlands – A Postgraduate Seminar.
- 1998 Improvement of some Geotechnical Properties of Lateritic Soil using Limestone Ash-B.Sc Thesis.
- 1997 Groundwater as a Resource –B.Sc Seminar.
- 1992 Determination of the Area Enclosing Chief Gabriel Olu-Ogundola stone Quarry, Ikere Ekiti, and Using Compass Transversing – National Diploma Project.

PAPER REVIEWED

- 2004 As one of the reviewers of the International Water Resources Association (IWRA), Journal i.e 'WATER International' I have been privileged to review manuscript #04031 titled: 'Integrated Assessment on the Potential of Water Resources Development in the North China Region' by Liu Changing et al.

LEISURE INTEREST

Traveling, listening to edifying music and playing football.

REFEEREES

1. **Professor Idowu Olayinka**
Head of Department
Department of Geology
Faculty of Science
University of Ibadan
Oyo State.

2. **Dr. Dapo Adeyemi**
Department of Geology
Faculty of Science
University of Ibadan
Oyo State
234-8034144351

3. **Mr. Lekan Osho**
Leksho Consult Nigeria Limited
74, Ladipo Road
Palm Avenue
Mushin,
Lagos
234 -8033189220