**Ndifreke Sunday OKORIE**

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linkedln: <https://www.linkedin.com/in/ndifreke-okorie-6a105328>

Github: <https://github.com/packetech?tab=repositories>

PG Program, AI and Machine Learning University of Tx: <https://olympus1.greatlearning.in/transcript/BEREENJX>

**HIGHLIGHTS OF QUALIFICATIONS**Over 10 years’ hands-on promoting optimal analytical performance and reliability across core business systems.

* Results-driven professional offering a progressive, career implementing data, programming, and voice networks: e.g., ITSM tickets machine learning classification API web app deployment
* App development for Bouygues Construction to manage stakeholders’ correspondence.

**AREAS OF EXPERTISE**

|  |  |  |
| --- | --- | --- |
| * Machine Learning for Descriptive Problems * Machine Learning for Predictive Problems | * JavaScript, batch scripting, Python, RDBMS, SQL * Big data analytic | * Visual Analytics: D3 Observables, Flourish, R-Studio * Analytical Service Development |

**EMPLOYMENT HISTORY**

**IT Manager 2013 – Date**  
Bouygues Construction, Abuja, Nigeria.

*Successfully setup the IT infrastructure of 4 new construction project sites/decommissioned at the end, managed 6 existing ones and relocated that of the head office to a newly acquired location.*

* Setup and Managing of Mitel IP PBX phone system with AD sip for local and distance calling
* Bash and power shell scripting to execute some mailbox extraction tasks (for archiving) in MS exchange database during a just concluded migration of local mail exchanger service to the cloud
* Successfully built several machine learning models using python; including to predict best concrete mixture by components ratios
* Did Django web connectivity with sqlite databases and also did a flask rapper for my Huffman coding API
* Disaster recovery experiences:   
  (i) Jan 30, 2020 – Global cyber-attack on Bouygues’ IT facility   
  (ii) Jan 09, 2021 – Fire Incident on Bouygues Nigeria’s server room ---100% recovery in both scenario within 2 months

**Assistant IT Manager 2008 – 2013**  
Cotecna, Lagos, Nigeria.

*Sucessfully setup the vsat, backend application servers (including Exchange servers) and the network of the company’s valuaton and classification centre in Abuja.*

* Managed and monitor valuation application server generating more than USD 1.5Million monthly, in trade facilitation transactions.
* Early Experience with Ms Visual C++
* Spearheaded new procedures for Help Desk documentation (via EasyVista ITSM), enabling the development of a comprehensive knowledge base of common issues and solutions to improve Help Desk efficiency.

**ACCOMPLISHMENTS**

* London Trained: Voice switching over packet networks using Redwood Technologies Long distance pre-paid voice switch with SS7 capabilities.
* Certifications: MCSE, CCNA, TCP/IP Admin (BrainBench), I.S.P. (CIPS)
* Trained by Andela in Google Scholarship at ALC4.0 as a Google Cloud Architect in the year 2020

## EDUCATION HISTORY

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1. M.Engr Big Data Analytics, May 2022
2. Arcada University of Applied Sciences, Helsinki, Finland
3. M.Sc. Computer Science, Software Engineering concentration Aug 2021  
   Nasarawa State University, Keffi, Nigeria

PG program, Artificial Intelligence and Machine Learning Sep 2020  
University of Texas, Austin, USA  
  
B.Sc. Degree in Physics June 1995  
University of Calabar, Nigeria