

OJO PATRICK DUKE

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Portfolio: <https://myportfolio-dukepat.vercel.app/>

Summary

Experienced software engineer with expertise in blockchain technology and data science seeking challenging and rewarding roles with prospects for growth and career progression.

Experience

Jul 2021-present	Freelancer at Duke House Consulting, blockchain developer and trainer, independent researcher in machine learning, GIS and remote sensing; blockchain development- smart contract and dApp, freelance teacher on data analytics and programming languages – python, R, solidity and cloud technologies (AWS).
Feb 2021- Jun 2021	Research Intern, International Institute of Tropical Agriculture (IITA CGIAR). Researched on crop classification using ML algorithms like support vector machines and random forest.
2016-2019	Director Duke House Consulting. Teaching programming language (python), training on cryptocurrency trading and investment, leadership trainings, SMS platform management etc.

Projects

- Refer to portfolio above.

Technical Skills

Blockchain Technologies	Solidity, Hardhat, Ether.js, Nextjs, Truffle, Geth, Besu Hyperledger, Ganache, Metamask.
Cloud (AWS) Technologies	IoT Core, EC2, VPC, ECS, ECR, Cloud Formation, Lambda, DynamoDb, Kinesis, Apache Spark, S3, CodeBuild, Code Commit, Code Pipeline, IoT Greengrass, IoT Analytics.
Database Technologies	Oracle, MySQL, PostgreSQL, DynamoDb, MongoDB, Cassandra.
Programming Languages	JavaScript, Solidity, RUST Lang, R, Python, C, C++ NodeJS

Education

Feb 2021 -- March 2022	Advanced Certification in Software Engineering for Cloud, Blockchain and IOT, IIT Madras & Great Learning, India [Among top 9 Students] 90+% cumulative grade.
Jul. 2019 – Jul. 2021	MSc Geoinformatics, TERI School of Advanced Studies, New Delhi India [Overall best graduating student (9.92/10, Second best in university's history)]

Sep 2013 – Jul 2014	Diploma in Computer Hardware and Software Engineering & Diploma in Project Management (Proficiency in Primevera P6), NCC/USFA/Zion Technologies Joint Project, Lokoja
Feb 2009 – March 2013	BSc (Hons) Geophysics, Federal University of Petroleum Resources Effurun (FUPRE), Nigeria [Best graduating in department]
Feb 2006	Certificate Course: Computer Programming, University of Agriculture (Computer Center), Abeokuta, Nigeria.

Academic Awards/Recognitions

2021	Overall Gold medalist and best graduating student TERI School of Advanced Studies (TERI SAS) and second best in the university's history with CGPA of 9.92/10 (Best in history being 9.93/10).
2021	Gold medal recipient, Geoinformatics, TERI School of Advanced Studies (TERI SAS).
2021	Member of the prestigious Wall of Honour, TERI SAS, New Delhi, India
2020	Winner of Esri's India Young Scholar Program after having the best research poster presentation, Esri India.
2016	Awardee and scholar of the prestigious Niger Delta Development Commission (NDDC) Scholarship, NDDC, Port Harcourt Nigeria.
2016	Certificate of Recognition as a IT resource Person at ICT Camp (iCamp 2016) Reconnaissance Education Foundation (REF), PH, Nigeria
2013	Best graduating student with CGPA 4.37/5.0, Department of Earth Sciences, FUPRE.
2013	Certificate of Merit, The Redeemed Christian Fellowship, CRM, Nigeria.
2012	Certificate of Excellence and Accomplishment, The Redeemed Christian Fellowship, CRM, Nigeria.
2012	Scholar and awardee, CAMAC Scholarship for best student in department, by CAMAC Oil and Gas, Lagos Nigeria.
2010	Excellent student grant awardee, National Association of Petroleum Explorationists (NAPE), Nigeria.

Research Publications

Submitted (under review)	Comparison of UAV and SAR performance for crop type classification using machine learning algorithms: A case study of humid forest ecology experimental research site of West Africa. International Journal of Remote Sensing
Submitted (under review)	Assessment of Temporal and seasonal variations in short-wave broadband albedo over Nigerian land cover. Remotesensing.
2014 ¹	Ofuyah, W.N., Alao, O.A., Duke, P. and Asadu, A.N. (2014). The Application of Fourier Transform in the Interpretation of Subsurface Stratigraphy. Journal of Environment and Earth Science, Vol.4, No.18, 2014, Pp. 68-75.

Soft Skills

- **Team Playing:** Able to work with others to accomplish team goals
- **Communication:** Ability to communicate effectively
- **Problem Solving:** Capable of thinking critically about tasks to arrive at clear and unambiguous solutions
- **Emotionally Intelligence:** Ability to cultivate productive professional relationship.