

EKENE OKOYE

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Versatile, highly qualified, and results-driven Solution Architect with over 8 years extensive project lead, presale, installation, deployment, and integration experience. Solutions-oriented with notable success directing a broad range of IT initiatives, building a trusted partnership relationship, while participating in planning and implementation of systems solutions in direct support of targeted business objectives.

SKILLS

- Business Analysis, Software development, solutions architecture, pre-sale, post sales and support, Software, internet web and App Development, Project Management
- Spotfire Developer, Power BI, Tableau, MS Excel
- SQL, Oracle SQL, MySQL, Access, SAP Business Object
- Microsoft Dynamics, Power Apps
- Linux, AWS, Microsoft
- Scrum, Agile, Lean Approaches
- HTML, CSS, JavaScript, VBA, XML
- SAP, Clear Spider, ArCGIS, CRM
- Microsoft office, SharePoint
- Amazon Web Services, Cloud Computing

EXPERIENCE

SOLUTIONS ARCHITECT, ExxonMobil

Sep 2019 - Date

- Worked directly with the ExxonMobil Global Project Team to design, develop and implement technologies and business application requirements.
- Engage with all business stakeholders to convert business requirements and processes into functional specifications and processes for use by developers through document analysis, interviews, workshops, and workflow analysis.
- Communicate stakeholder's business requirements by constructing easy-to-understand data and process models to the developers and communicated updates to stakeholders.
- Produce QAQC compliant test plans to enable acceptance of the developed solution against the specifications and recommended the approval/acceptance to the product/portfolio manager.
- Ensure the correct use of the solution is implemented by business stakeholders.
- Liaise with development team to ensure efficiency and accuracy in the software development.
- Review technical design specifications and provide training to business stakeholders as required.
- Document business and technical requirements accurately.
- Provide a weekly update of progress to the project managers and stakeholders
- Provide release notes and instructions as required for the release documentation

Selected Accomplishment:

- iPipe: Proposed, Designed, developed, and implemented a new build Pipeline Project tracking application and dashboard replacing a paper report

- iFacility: Proposed, Designed, developed, and implemented a new Facilities project tracking application and dashboard replacing a paper report
- Purchase Order and Material Management application using Clear Spider
- Currently integrating the project tracking with inventory management
- Spotfire tool used as basis to proactively design new facilities and pipeline constructions to meet the expected production capacities.
- Spotfire tool to analyze pipeline project bids capturing length of ROW, Number of pipes, materials
- Spotfire tool to analyze cost vs budget, work in progress.

SOLUTIONS ARCHITECT, EOG Resources

Sep 2018 – May 2019

- Engaged with the drilling team to design and develop Spotfire tools and Excel spreadsheets utilizing Oracle SQL database to improve drilling planning and operations
- Identified, designed and executed multiple data driven projects to optimize drilling planning and operations including technical studies, analysis, updates, presentation, plots, charts, summaries and tables to identify trends, for management reports, assess and minimize risk, set KPIs and improve decision making

Selected Accomplishment:

- Team achieved multiple record wells and improved cost efficiency by reducing cost per foot drilled by 10%, translating to millions of dollars.

SR BUSINESS CONSULTANT, HXR Drilling Services

Jul 2016 – Aug 2018

HXR Engineers and Geomechanics consultants provide combined advanced horizontal, ERD drilling design, rig-site services with advanced predrill and real-time geomechanics

Selected Accomplishment:

- Built up the geomechanics technical consulting department. Involved consulting pre-sale, post-sale support, business development, designed and delivered trainings.
- Initiated the development of internal software technology to support consulting services.
- Design and managed the development of DeepwaterPro, for pore pressure prediction. As a Subject Matter Expert, I utilized my engineering experience and skills to develop and design the software workflow, formulas and manage the development to completion.

SR SOLUTIONS ARCHITECT, Baker Hughes (Digital Solutions) Aug 2012 - Jul 2016

Provided global pre-sales and technical support for Baker Hughes Incorporated Geoscience and Geomechanics software, delivering presentations, demonstration, installation, consulting, extensive products evaluation, deployment, customer training and enabling multidisciplinary projects with other software products.

- Responsible for 11 software applications' sale and support, installation, on-site evaluations, steering product integration, technology transfer into JewelSuite, enhancement, and introducing new software technologies in the oil and gas domain to clients in new and established markets.
- Developed and delivered multiple technical trainings, product evaluation and implementation of Baker software within the US and globally.
- Built a trusted partnership with clients

Selected Accomplishment:

- Implemented application to major oil and gas operators including BP, BHP, Petrobras, etc
- Developed, Pre-sales guideline and sales materials, training materials, conference documentations
- Implemented integration and seamless dataflow of standalone application
- Steered development of 2 new marketable solutions

EDUCATION

MS in Petroleum Engineering

UNIVERSITY OF OKLAHOMA

MAY 2012

- Won Graduate Students Best Thesis Project Award 2012 in Engineering and Earth Sciences.

BS in Petroleum Engineering

FEDERAL UNIV. OF TECHNOLOGY, OWERRI NIGERIA

DEC 2003

CERTIFICATIONS

1. AWS Certified Solutions Architect - Associate
2. Advanced SQL
3. SQL Fundamentals
4. Software Project Management Foundations
5. Business Analysis Foundations
6. Agile Foundations
7. Learning Microsoft Dynamics 365
8. Power Apps: Building Data-Driven Apps
9. Managing Data Analysis
10. A Crash Course in Data Science

ACTIVITIES

- Photography, drone photography
- Home fixer upper, real estate, home décor, landscaping, crafts
- Cooking, baking
- Traveling
- Volunteering for city beautification and improvement causes