OBAJE JOSHUA .E.

Summary

A Senior Software & Data Science Engineer specializing in front and back end development. Experienced with all stages of the development cycle for stand alone, dynamic web and data science related projects. Knowledgeable in numerous programming and databases languages including HTML5,CSS, JavaScript, M.E.R.N Stack, ASP.NET C#, PYTHON-Django, Tableau data analytics, MySQL, ORACLE and SQL Server. Strong background in project management and customer relations.

Skill Highlights

- Software & Database Development
- Strong decision maker
- Complex problem solver

- Tableau analytics & reporting
- Innovative & ML/data science researcher
- Service-focused

Contact

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Languages

English, Igala, Yoruba, Hausa

Experience

Software & Data Science Engineer (Freelance)   09/2022 to Date
Micrologica Computing Limited. Lagos, Nigeria.

Responsibilities:

- Planning, designing and engineering of organization's datasets.
- Collects data, creates models and identify patterns and automate tasks
- Monitors the performance, scalability and security.
- Work in a team of developers to manage large, complex design projects for corporate clients.
- Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.
- Evaluates existing database design to determine necessary updates and integration requirements of new design
- Carry out quality assurance tests to discover errors and optimize usability.
- Deploy knowledge of database technologies, along with solid coding and computer system skills.
- Applies strong business acumen to communicate findings, and mine vast amounts of data for useful insights
- Applies these insights to influence how an organization approaches business challenges
- Combines knowledge of computer science and applications, modeling, statistics, analytics and maths to solve problems

Search Engine Evaluator – **Worked Remotely from Nigeria**   11/2022 to 06/2023
TELUS International AI Inc., Las Vegas, United States of America

Responsibilities:
- Analyze a variety of web search engines including Google, Bing.
- Create qualitative data and measurements to determine the relevance of the results.
- Determine the relevance, quality and usefulness of search engine results.
- Use qualitative data to provide recommendations on optimizing search engine results
- Work independently and on a team, depending on the project, to enhance search engine results

Deputy Director, Training & Certifications   04/2021 to Date
Kogi State College of Education. Ankpa-Kogi, Nigeria.

Responsibilities:

- Plans, directs and manages the activities of one or a combination of the major functions of the college in technical services, systems development, database management or other major functional areas.
- Actively manage training of staff in regards to the use of latest I.T productivity tools for learning and research.
- Coordinates with technical staff on the implementation of various new technology initiatives.
- Coordinates and plan technology training and professional development for the college staff.
- Manages computer technology equipment, and software in computer labs.
- Provides primary oversight in the coordination of the daily technology support operations.
- Deploy knowledge of database technologies, along with solid coding and computer system skills.
- Ensure consistency of goals, policies, technical and I.T. administrative procedures and management direction and perform other related work as assigned.

Sr. Technologist I   10/2022 to Date
Kogi State College of Education. Ankpa-Kogi, Nigeria.

Responsibilities:

- Provide technical support and privacy and data protection.
- Train and collaborate with other team members in the organization.
- Automate tasks through appropriate tools and scripting.
- Reviewed and debug code
- Help maintain and support the use of LMS for distance learning.
- Addressing everyday concerns by co-workers and students, answering their computer related questions.
- Designed and maintained students and supervisors reports in regards to teaching practice and field trip.
- Participated in and presented at Micro-Teaching Lab Welcome and regular department meetings as necessary.
- Supported faculty and student use of learning technologies through training and tutorials, troubleshooting, and providing   other support services, as well as other duties as assigned
- Ensure consistency of goals, policies, technical and I.T. administrative procedures and management direction and perform other related work as assigned.

Sr. Technologist II   10/2019 to 10/2022
Kogi State College of Education. Ankpa-Kogi, Nigeria.

Responsibilities:

- Developed high-quality software design and architecture.
- Developed tools and applications by producing clean, efficient code.
- Automate tasks through appropriate tools and scripting.
- Reviewed and debug code
- Help maintain and support the use of LMS for distance learning.

- Addressing everyday concerns by co-workers and students, answering their computer related questions.
- Designed and maintained students and supervisors reports in regards to teaching practice and field trip.
- Participated in and presented at Micro-Teaching Lab Welcome and regular department meetings as necessary.
- Supported faculty and student use of learning technologies through training and tutorials, troubleshooting, and providing   other support services, as well as other duties as assigned
- Ensure consistency of goals, policies, technical and I.T. administrative procedures and management direction and perform other related work as assigned.

Higher Technologist   01/2016 to 09/2019
Kogi State College of Education. Ankpa-Kogi, Nigeria.

Responsibilities:

- Hardware and software installation and upgrades
- Updating security policies, procedures and maintaining information databases.
- Installing and testing new educational software as the need arises.
- Controlling access permissions and privileges to students on National Commission for Colleges of Education virtual Lab.
- Managing and testing back-up and recovery plans for digital educational materials.
- Addressing everyday concerns by co-workers and students, answering their computer related questions.
- Designing and maintaining students and supervisors reports in regards to teaching practice and field trip.
- Works closely with the Dean of School of Education, HOD, and Lecturers in planning, executing, and assessing the appropriate classroom use of emerging technologies.
- Supporting faculty and student use of learning technologies through training and tutorials, troubleshooting, and providing   other support services, as well as other duties as assigned

Freelance C#.NET & ASP.NET Developer   04/2014 to 11/2015
Micrologica Computing Limited, Satellite Town Lagos, Nigeria.

Responsibilities:

- Collaborate with internal teams to produce software design and architecture
- Write clean, scalable code using .NET programming languages
- Test and deploy applications and systems
- Revise, update, refractor and debug code
- Improve existing software
- Develop documentation throughout the software development life cycle (SDLC)
- Serve as an expert on applications and provide technical support

Sr. Consultant – ERP & Database Developer.   12/2012 to 01/2014
Unified Data Nigeria Limited. Lagos, Nigeria.

Responsibilities:

- Prototyped new applications to refine requirements.
- Analyzed, defined and documented system requirements for data, workflow, logical processes, interfaces auditing, reporting with other systems,   requirements and production configuration
- Write and maintain functional and technical specifications.
- Create test plans, test data sets and automated testing to ensure all components of the system meet specifications.
- Analyze code for problem resolution and performance optimizations.
- Provided technical consulting and respond to error reports, problems or questions.
- Analyzed, installed and tested software for client use.
- Provided technical support for third party systems integrated with web applications
- Monitored the performance applications and servers and assisted with technical support as required.
- Implemented Microsoft Business Software Solution (Dynamics Nav. 2009 R2 for ERP on SQL Server 2008 Enterprise Edition) leveraging Role Tailored Client(RTC) system

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- Proactively participated in the development of applications that meet the needs of our team

Database Administrator & ERP Developer   12/2008 to 03/2014
Dangote Group Plc. (Dansa Foods Ltd.), Abule Osun. Lagos, Nigeria.

DBA Responsibilities:
- Establishing the needs of users and monitoring user access and security on Databases.
- Monitoring performance to provide fast query responses to front-end users when accessing reports.
- Considering both back-end organization of data and front-end accessibility for end-users.
- Installing and testing new versions of the DBMS on new servers as the need arises.
- Controlling access permissions and privileges to users.
- Developing, managing and testing back-up and recovery plans.
- Ensuring storage, archiving, back-up and recovery procedures are functioning correctly.
- Carrying out capacity planning as more data input are accommodated so that the database is not bloated.
- Communicating regularly with operational staff to ensure database integrity and security.
- Extracting, collating and analyzing data for report using Microsoft Office tools for weekly management review meetings.
- Occasionally work with software Vendors/consultants whenever complex modification and upgrades are to be deployed.
- Analyze the processes/applications in use and initiate enhancement as the case may be.

ERP Responsibilities:
- Taking part in the development of strategies and aims.
- Participates as team member in re-engineering processes and procedures.
- Guides and train less experienced users.
- Develops code solutions to problems using structured approach considering long term maintainability and accessibility
- Updates consistently and accurately documentation on all application projects.
- Implement knowledge of business functions to effectively lead in analysis, design and execution.
- Assess potential projects and support in proposing high level design.
- Creating and maintaining ERP designs and coding standards as well as providing custom coding.
- Developing and creating interfaces within and out of Microsoft Dynamics NAV 2009/2013 business solution.
- Actively resolve unforeseen user issues at the Headquarters and 9 regions across the country using Intelli-Admin & Remote Terminal tools.

Software Solution Developer   12/2006 to 04/2008
Alliedsoft Limited (now Xceed360) – (Microsoft Gold Certified Partner)
Lekki Phase 1. Lagos, Nigeria.

Responsibilities:
- Regularly participated in meeting that seeks to review current system.
- Worked closely with analysts and designers to determine business and functional requirements.
- Producing detailed specifications and writing the program codes.
- Documented all of user tasks to ensure that subsequent users can diagnose and fix any problems that might arise in a system.
- Ensured prompt resolution of issues.
- Tested customize software product in controlled, real situations to ensure quality assurance before going live.
- Maintained the systems once they are up and running.
- Integrating the SQL Server databases with web applications.
- Preparation of training manuals for users.

Systems Engineer   02/ 2005 to 11/2006

Hypernets Investment Limited - Akure. Ondo State, Nigeria

<u>*Responsibilities:*</u>

- Tested and verified hardware and support peripherals to ensure they meet specifications and requirements.
- Assembled system components to clone systems that meet special needs.
- Updated knowledge and skills to keep up with rapid advancements in computer technology.
- Monitored performance of servers and make necessary modifications and recommendations to ensure system operates at optimum.
- Complete configuration, installation and support of equipment in a Microsoft Windows environment to the specifications of client.
- Maintaining software applications, operating systems and regular maintenance.
- Administration of systems and servers related network to ensure availability of services to authorized users.
- Installation, configuration and upgrading of workstations, servers and related hardware and software in a LAN, WAN and stand-alone environment.

Education

M.Sc.: Computer Science – 2024, University of Nigeria, Nsukka., Nigeria.
P.D.E.: Professional Diploma in Education - 2022, Kogi State College of Education, Ankpa-Kogi, Nigeria.
B.Sc.: Computer Science – 2018, Salem University, Lokoja, Nigeria.
H.N.D.: Computer Technology – 2006, Nigeria Inst. of Science Lab. Tech., FUT, Akure, Nigeria.
WAEC-S.S.C.E.: - 2016 Ankpa District Community Grammar School, Ankpa Kogi State, Nigeria.
                      -1993 Festac College Festac Town, Lagos

Certifications

- International Computer Driving License (ICDL)   06/ 2021
- Oracle Database 11g Certified Associate (OCA)   06/2012
- Microsoft® Certified Professional Developer (MCPD)   03/2008
- Microsoft® Certified Technology Specialist (MCTS)   01/2008
- Microsoft® Certified Professional(MCP)   11/2007

Technical Skills

- Data Science & Machine Learning - Python Pandas, Numpy, Scikitlearn, Matplotlib
- Databases - Oracle Database, SQL Server, Sqlite, MySQL
- Web & Desktop App Development – C#.NET, Python Django Framework, ASP.NET/MVC,VSCode, PyCharm
- Enterprise Resource Planning – Microsoft Dynamics NAV
- Operating Systems Platform – Windows & Linux Red hart
- Data Analytics - Business Intelligence, Data warehouse, Tableau analytics & reporting

Training, Seminars & Conferences

- Certificate in Computer Engineering
- Certificate in Desktop Publishing
- Diploma in Computer Studies

- Accenture Performance Management Project Training
- ISO 1991:2008 (Quality Management System Implementation & Documentation Seminar)
- Applied Artificial Intelligence(Robotics)
- Programming Languages & Current Trends
- Microsoft Solution Framework for Agile Software Development
- Key Concepts of Microsoft's Development & Infrastructural Technologies
- International Conference on Emerging Challenges in Contemporary Societies(the Role of Academia and Related
- Fields)

Software Project Developed

- Integrated Information Systems for Kogi State College of Education, Ankpa. Kogi State, a standalone application developed fully on C#.NET , Sqlite and SQl Server.
- Examination Marking & Grading Information Systems Using Natural Language Processing (Salem University, Lokoja), developed fully on C#.NET , SQL Server.
- Team Member:: Xceed Human Resource Manager for Alliedsoft Limited(now Xceed 365 online) ,Marina. Lagos. developed fully on C#.NET, ASP.NET and SQL Server
- Intranet Examination system for Computer Based Test(CBT), Kogi State College of Education, Ankpa., developed on Python Webframe Work, Django and MySQL Database Systems.
- My personal blog application under going development on Python Webframe Work, Django and MySQL Database Systems.

Affiliation Identity

- Microsoft Professional Membership ID No: 5751673
- Oracle Certified Associate ID No: OC1093719
- NYSC Exemption Ref No: NYSC/CMD/LT.2005/1592
- EF SET English Certificate weblink: https://cert.efset.org/dZ7igD

Hobbies

- Playing Lawn Tennis, Table Tennis, Reading, Watching documentary an Listening to news.

Referees

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