SALU AYODELE

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I am a highly skilled software engineer, a good team player who's very dedicated to work, I have a Bachelor's Degree in Computer Science, where during my undergraduate studies I was awarded Programmer of the year by the Nigeria Association of Computer Science Students (NACOSS). I have also been published by Transition from Observation of Knowledge to Intelligence (TOKI) association of scholars, on a project my team and I embarked on (Technological Discourse and Timetable Systems: Framework Development, August 2019). I am a very fast learner and I can adapt to conditions to increase my productivity.

WORK EXPERIENCE

Software Developer II, Syssoft Consultant Limited, Lagos   March 2019 – Present

- **Batch Claim Upload on the IES - Insurance Enterprise Software**
  Technology Used: LAMP stack (Linux, Apache, MySQL, PHP)
  Details: As the Software Engineer, I Developed software modules and applications on the company's software IES - Insurance Enterprise Software using various tools such as phpstorm, mysql, etc., which allows multiple claims to be processed once as a batch. Designed the Front-end interface for application modules. Designed Backend structures and flow for application modules.
  Outcome: Increased the number of claims that can be processed into the system at a time by 80%

- **Data Migration From previous software to Insurance Enterprise software**
  Technology Used: LAMP stack (Linux, Apache, MySQL, PHP)
  Details: As the Tech Lead, I Built a function to read, convert and parse the data to respective tables on the database from spreadsheet. Data Analysis on raw data for migrations of other software to ours.
  Outcome: Migrated data from previous software to current, with over 75% accuracy.

- **Staff Appraisal Module on Insurance Enterprise software**
  Technology Used: LAMP stack (Linux, Apache, MySQL, PHP)
  Details: As the software Lead Engineer for the project, I was able to redefine the Staff Appraisal Module and Processes based on the client's specification, where I built various application modules to accommodate that automate the score card of each staff to be appraised on a complex, dynamic structure for future purposes.
  Outcome: Automation of staff appraisal reduced the manual calculation method of the HR when setting up the company's appraisal, which in turn increased the speed of the appraisal process by 35%

- Designing workflow for applications/systems.
- Design Front-end interface for application modules.

- Designing Backend structures and flow for application modules.

Helpdesk Personnel, The Department of Petroleum Resources, Head Quarters, Lagos

March. 2016 – Aug. 2016

- Provided timely support services to staff through installation of application software on their Computer Systems.

- Responsible for maintenance, troubleshooting and repairs of hardware for staff to ensure their smooth operations.

- Developed a customized application software to automate calculation of staff leave and leave balance   in the department using Visual Basic programming language.

Internship, Syssoft Consultant Limited, Lagos   July 2014 – Aug. 2014

- Supported installation of various Software packages such as (Office 360, eclipse, etc.) for all the staff in the organization.

- Conducted in-depth researches into how the programming/scripting languages used by the company such as JavaScript, Java and python are integrated on various Software Platforms.

LEADERSHIP EXPERIENCE

Lead Software Engineer, Technological Discourse and Timetable Systems:

Framework Development   August 2019

Technology Used: .NET Framework (Windows Forms Application, C#)

Details: As the lead software engineer, I initiated the design of the algorithm used in the structure of the desktop application which automates, organizes and manages the system, providing a more efficient, easy, and reliable generation of timetable results into the academic system. A stand-alone application was built using the .NET framework 4.5 which factors all necessary constraints in the algorithm used.

Outcome: Overcoming the manual way of timetabling generation and improving on the flaws of other automated timetable systems globally.

Lead Backend Engineer Mobile Application Development   July 2019 – Feb. 2020

- Installation and setup of Laravel Composer and PostgreSQL on server, as well as database structural design and management of a user and event organisation application system.
- Development of usable Application Programming Interface.
- Migration of data from MySQL to PostgreSQL database including database structures.

VOLUNTEER EXPERIENCE

- Participated in the Sustainable Development Goals (SDGs) with SDG Community Development Service (CDS) group, targeting the 4th goal, quality education by assisting in the teaching and exposure of secondary students to information technology, use of office software such as Microsoft word and basic use of the computer system at Gifted Secondary School   Dec. 2017
- Developed a church membership management software to assist the church in effective record keeping of members and events such as weddings, naming ceremonies, etc. Also reminders for stored or recorded events and to monitor attendance July 2017

EDUCATION

Bachelor of Science, Computer Science *(Second Class Upper)*

 Bowen University, November, 2017

PROJECTS/ACHIEVEMENTS/AWARDS

- Global Employability Training Certificate: Head Strategies   Feb. 2017
- Microsoft Project Certificate: Olabod Project Consult Limited (OPCL)   April 2017
- Nigeria Association of Computer Science Students (NACOSS) award for the Programmer of the year   May 2017
- CompTIA A+ Certificate of Completion by New Horizon   July 2015
- National Youth Service Corps Certificate of National Service   Nov. 2018
- Certified Associate in Project Management: Olabod Project Consult Limited (OPCL)   April 2017
- Final year project on "An Improved Timetable Management System Framework For Educational Institutions "   June 2017
- Group Project for developing a system to bring a solution to the problems in the distribution and control of oil and gas in the oil and gas sector in Nigeria   June 2016
- Group Project on the development of an employee management system   Jan. 2016

SKILLS AND COMPETENCES

- Other stack technologies practised MERN, MEAN, .NET
- CI/CD of applications on cloud platforms such as heroku using git
- Application development and programming in Java SE, C# and Visual Basic .NET
- Web development using JavaScript, Node.js or PHP and database management using MySQL, MongoDB.
- Backend development in Laravel and database setup, administration, and management in PostgreSQL.

- Design with COREL Draw and Photoshop

- Societal development through social entrepreneurship

- Excellent oral and written communication skills

REFERENCES

Available upon request