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OLADIPUPO FREDRICK O.

PERSONAL STATEMENT

A Creative web developer dedicated to building and optimizing the performance of websites and web apps, Leveraging technical, analytical and problem-solving skills to create dynamic, high-speed websites, apps and platforms fueling competitive advantage and revenue growth.

EXPERIENCE

IT CONSULTANT/FREELANCER

Sept 2017 - till date

- Worked extensively on task Automation for finance and hospitality industry, from automation of account opening process to hotel onboarding automation
- Hands on usage experience of REST and SOAP Web Services.
- Incorporating different bits of businesses and information together with the use of Application programming interface (API) to solve problems and increase overall productivity of businesses.
- Frontend development, cross-browser compatibility and general web functions and standards.
- Practical and extensive understanding of setting up and use of Linux server.
- Writing clean, simple and sustainable code base that aids code reusability and easy code debugging for easy bootstrapping of existing features in an application and seamless creation of new ones.
- Collaborating with developers, designers, system administrator, and customers, to provide tailored web solutions to their needs and requirements.
- Building functional, fast and responsive web applications, using mark-up languages.
- Maintained websites and refactor code for web optimization
- Troubleshot for bugs and fixed broken codes on websites and web apps
- Web optimization to increase application speed and reduce latent periods with asynchronous loading, queues, responsive use of images, delay loading, model eager loading and code refactoring.

- Application security through authentication, authorization, session management, Cross-Site Request Forgery (**CSRF**) protection, Cross-Site Scripting protection (**XSS**), SQL injection protection and use of policies.

<u>NOTABLE PROJECTS</u>

BANKING PROCESS AUTOMATION

July 2019 - till date

Organization: FSDH MERCHANT BANK

Below is the list of all the processes that were automated

- Asset backed investment process: Initiation, liquidation and Reversal
- Cheque processing: Issuance and Lodgment
- Individual Account opening: creating customer, Creating account, Linked Entity and KYC
- All the process features a heavy use of tools like cUrl and Soap Client for communicating with core banking apps like FlexCube, SimPlus, NIBSS and many others.
- Extensive use of Process Maker for Front-end interface.

App Name – Impromptu Tasks

August 2019 - till date

Organization: Startup

Source: https://impromptutasks.com/

The aim of the project is to create a full fledge database driven web application to solve one of the prominent problems in Nigeria.

- Full stack Web application – Languages and frameworks used are Laravel 5.7(PHP), JavaScript (jQuery), HTML5, CSS3, Bootstrap (v4), MySQL, and Ajax.
- Laravel Policies, Notification, Gates and other Laravel components powers most of the Application functionality.

App Name – Hotel Money

May 2019

Organization: PRIMEROYAL HOSPITALITY SERVICE

Source: kadaso.com/onboarding/

The time taken to onboard a new property to the company portal range from 3 to 5 days

With Hotel-Money portal, I was able to automate the process, cut the time taken to 30 to 60minutes. This equivocally led to more property on the platform and more revenue for the client.

- Full stack Web application – Languages and frameworks used are Laravel, HTML5, CSS3, jQuery, Bootstrap, PHP, MySQL, and Ajax.
- Set up and maintained the Linux hosting server and managed all site services
- Managed Email, FTP, SQL databases, security and site backups.
- Designed and implemented security program to protect all websites from SQL injection attacks

App Name – Excel Jet Consult

January 2019

Organization: EXCEL JET CONSULT

Source: exceljetconsult.com.ng

 https://github.com/fredpen/excel-jet-consult

The client customer base increased by 12% after the project, because the website gave potential customers easy access to information on courses, their prices and registration

- Full stack Web application – Languages and frameworks used are HTML5, CSS3, jQuery, Bootstrap, PHP, MySQL, and Ajax.
- The front end relies extensively on the use of bootstrap for styling, responsiveness and some JavaScript Plugins for Navigation bar and alerts
- Built an email distribution system and a weekly newsletter using PHPMailer
- Set up and maintained a Linux shared hosting server and managed all site services
- Managed Email, FTP, SQL databases, security and site backups.
- Developed server side scripts to process user requests using object oriented PHP
- Designed and implemented security program to protect all websites from SQL injection attacks

APP NAME – QUOTESANDNOTES

October 2018

Organization: PERSONAL PROJECT

Source: quotesandnote.com

 https://github.com/fredpen/QuotesandNotes

- Full stack Web application – consumes data from the database and feed the front end base on user's interaction
- The development focuses on extensive use of PHP and JavaScript both on the.
- Languages and frameworks used are HTML5, CSS3, jQuery, Bootstrap, PHP, MySQL, and Ajax.

- The front end relies extensively on the use of bootstrap for styling, responsiveness
- and for some JavaScript Plugins for Navigation bar and alerts
- User authentication and user authorization.
- Use of API; this includes but not limited to Wikipedia and twitter

APP NAME - OMAXTECH

Client Project - May 2018

- Full stack Node.js App. The app is a portfolio site for a small electrical and safety consulting firm in Ogun state.
- The app features simple Landing page with slide images and few pages.
- Used node Mailer to handle information from the contact form to the business owner's mail

EXPERTISE

- Strong understanding of Laravel and PHP; the strength and their limitations
- In Depth understanding of LAMP(Linux, Apache server, MYSQL and PHP) stack
- Professional knowledge of how web applications work including security, session management, and best development practices
- Strong organizational skills with a good ability to prioritize tasks
- Responsive web design – mobile first approach
- Database creation, integration and management
- Web simplicity, usability, security and accessibility
- RESTful services and CRUD web development
- Web optimization
- Cross-Browser Compatibility
- Basic knowledge of Hosting & Maintenance
- Object oriented programming
- Hands on experience with SQL schema design
- Content Management System - WordPress

TECHNICAL SUMMARY

Backend languages and Framework: *Laravel, PHP, Node and Express*

Frontend Languages and Framework: *JavaScript, CSS, HTML, EJS, Ajax, JQuery and Bootstrap.*

Web Development tools: *cURL, SOAPUI*

Databases: Relational databases *MYSQL, SQLITE*

Build tools: *JavaScript build tools Grunt, Gulp, and Laravel Mix*

Version control: *Git and GitHub.*

HACKATHONS

NAIJAHACKS 2018
WINNER: BEST USE OF LINODE
SOURCES: HTTPS://DEVPOST.COM/SOFTWARE/AGRILOAN-TEAMERUDITE
HTTPS://GITHUB.COM/FREDPEN/NAIJAHACKS-ERUDITE

EDUCATION

Post Graduate Diploma | National Open University of Nigeria
INFORMATION TECHNOLOGY - 2019
In view

Bachelors of Technology | Ladoke Akintola University of Technology
2008 – 2013
Second class Upper

HOBBIES

Listening to jazz music while playing Chess

REFERENCES

Available on request