Victor Alagwu

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SUMMARY

I am a software engineer, who tries to emphasize on good design and code quality, my speciality is in backend development, though sometimes I work on the frontend aspect of software development, My technical expertise spans through years of experience with solving problems using PHP and Javascript.

EXPERIENCE

TM30 Global Limited, - Lagos, Nigeria - *Software Engineer* - Full-Time

AUGUST 2018 - PRESENT

- Built backend systems for SFSCredit loan application, that allows employees of different onboarded companies to request for soft loans.
- Collaborated with a team of engineers to scale most of the company's projects from vertical to horizontal scaling using Kubernetes.
- Involved in the development of a utility payment service, that enables users to pay their utility bills using whatsapp bot
- Worked on the integration of third-party APIs and payment processors in projects.
- Collaborated with a team of three backend developers, to create micro-services e.g User Service, Notification Service etc, that helped reduce projects development time, and speed up deployment time for in-house projects
- Redesigned and refactor the backend system for MyEduSponsor
- Developed documentation for endpoints; helps increases the productivity of the frontend developer
- Tools and Technologies: PHP (Vanilla PHP, Laravel, Slim), Javascript (React, NodeJs), Redis, MySQL, PostGres, Docker, Rancher (Deploying to Kubernetes), Version Control System (Gitlab, GitHub, Bitbucket), Graylog, AWS, CentOS, Ubuntu, Apache.

SKILLS

Proficient: PHP (Laravel), Javascript (NodeJs, ReactJs), Wordpress, HTML/CSS, MySQL, Postgres, Redis, Git, Linux Server, AWS (S3 and SES),Docker

Familier: Go, Graylog, VueJs

AWARDS

Google Summer of Code'18

GSoC 2018 Certificate of Completion for Victor Alagwu.pdf

LANGUAGES

English

ARTICLE

Migrating from Savant2 Template Engine to Plates Template Engine

CURRENT LOCATION

Lagos State, Nigeria (UTC +1)

PJ Engineering and Business Solutions Pty. Ltd, (RocketLaunchr.cloud) – Melbourne, Australia – *Software Developer* – *Part-Time – Remote*

JANUARY 2019 - FEBRUARY 2020

- Revamped documentation templates for some of the company open source projects e.g Electron.guide,
- Improved the dashboard for theCucumber.app, a desktop app that helps reduce eye strain by restricting a user's access to his laptop for some minutes.
- Managed and ensured the smooth on-boarding of new team additions
- Technologies Used: Hugo, Laravel, Go, VueJs, ReactJs, Docker, MySQL

Inclusive Design Research Centre – Toronto, Canada – *Software Developer | Google Summer of Code'18 (Remote)*

MAY 2018 - AUGUST 2018

- Overhauled the obsolete legacy source code of Achecker, resulting in increased usability and reduced load time by 50%
- Implemented plates templating engine as a replacement to savant2 templating engine being used in AChecker
- Awarded a Google Summer of Code certificate for completing most of my tasks during the program period
- Project Details:
  https://gist.github.com/VictorAlagwu/ded80c52cc8c927f7f857bd26cb05f5c

Heimdall Technologies – Abuja, Nigeria – Software Developer (Contract)

March 2018 – April 2018

- Developed an education portal using wordpress

TM30 Global Limited – Lagos, Nigeria — *Software Developer (Internship)*

AUGUST 2017 - DECEMBER 2017

- Designed and configured web portals for value-added services

EDUCATION

University of Nigeria, Nsukka, Enugu State, Nigeria – *Bachelor of Science, Computer Science (Second Class Upper)*

SEPTEMBER 2014 - AUGUST 2018

Courses:
https://physicalscs.unn.edu.ng/computer-science-department-course-modules/

Final Year Project: Multimedia Bulletin Board System -
https://drive.google.com/file/d/1ej8qqTpCIONDBR5jFaw9xtj2e2jQxs7D/view?usp=sharing
References:
https://drive.google.com/file/d/1QK5R5mcEnPTgXUaVTDM4LUnLaaz7glOh/view?usp=sharing

PROJECTS

CO2 Emission Analysis — https://reactco2emission.netlify.app/
- Shows the birth rate/death rate for different countries using pre-collected data from online sources
- Also, shows the marginal garbage production as well as marginal co2 emission rate for the different countries
- Created using React and Data Map

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