

Richman Larry Clifford

Email: larriche99@gmail.com || Phone: +233558127809 || Github: <http://github.com/larriche>

A young, smart and creative software engineer with over 5 years of active commercial experience building software applications for multiple platforms across the education, automobile, food, pharmaceuticals and foster care industries, experienced with remote work and development team management.

SKILLS

- PHP
- HTML5
- CSS
- Laravel
- JavaScript
- Typescript
- Vue.js
- React
- Wordpress
- Linux
- AWS
- Node.js
- Express.js
- Python
- Django
- REST APIs
- MySQL
- MongoDB
- Git
- PHPUnit
- Chai
- Jest
- Docker
- Kubernetes
- Ansible
- Jenkins
- CI/CD
- Genetic algorithms
- Web Scraping
- Ecommerce
- Agile Development
- Design Patterns
- Unit testing

WORK EXPERIENCE

Senior Software Engineer – GRG Ezitek Solutions ***Kumasi, Ghana October 2017 – Present***

I currently work as a senior software engineer at this Ghanaian-based startup and have achieved the following:

- Developed an online food delivery service where I was the main developer for the REST API powering the service as well as the ordering website and the admin panels. I also did a bit of system administration work.
- Developed a results collation system that can be used to collate results in an election where results stream in from different hierarchies such as seen in a national general election. It has an admin panel for configuring election details and also a dashboard showing real-time updates as results are fed in by an accompanying mobile application or USSD service.
- Managing a team of 5 engineers. I conduct daily standups and allocate tasks on our various projects.

SKILLS USED: PHP, Laravel, Python, JavaScript, JQuery, Vue.js, React, REST APIs, MySQL, AWS, Jenkins, Web scraping, Git, Ecommerce, Agile Development, JIRA, Node.js, Express, Web Sockets, PHPUnit, Jest, Chai, Vagrant, USSD, Docker, Kubernetes

Senior Software Engineer – Clearcare Solutions
Stafford, UK October 2018 – October 2020

As part of a contract that had Ezitek Solutions' senior engineers consulting for Clearcare Solutions - a leading provider of foster care homes management software across the UK, I achieved the following:

- Worked in a team to migrate their legacy PHP codebase to a modern PHP5/7 codebase using the Laravel framework. This refactoring and migration made it possible for more features to be easily added to the software.
- Worked on advanced enhancements to a form builder and task logs editor component of the software.
- Built a custom dashboard design tool.
- Worked on query optimizations to reduce load times of some critical components of the application drastically.
- Worked in a team to develop the main Clearcare software's UI in Vue.js which made it sleeker and more responsive and allowed for richer user experiences to be developed.
- Answered technical support tickets on Zendesk.
- Implemented logic for state management aspects of a mobile app.
- Worked with the technical lead and project manager to plan the migration of the system to AWS from its current hosting provider.

SKILLS USED: PHP, Laravel, JavaScript, JQuery, Vue.js, MySQL, PHPUnit, Jest, Chai, Vagrant, Git, Jenkins, AWS

Web Developer – Scopic Software
Massachusetts, USA May 2017 – December 2018

I worked remotely as a web development consultant for client projects at Scopic Software, a virtual software company based in the United States. My team included engineers of various experience levels and from US, Russia, Ukraine, Serbia, the UK among others.

- I worked on the CRM software for a US-based car dealership chain where I built an analytics dashboard, built the UI for a wizard for creating SMS-based and social media campaigns using the Facebook SDK and also partnered with engineers at an AI startup to integrate their chatbot API for automated customer service as requested by client. I also worked on refactoring and adding of new features to the application core.
- Worked on an admin panel for a pharmaceutical company. This involved development of scripts to import medical data from excel files and displaying them using a rich admin panel interface from where new data could be entered or modifications made.
- Received training on Wordpress, Django, Node.js and React

- Built a Wordpress plugin into a client's real estate property listings website for pulling information from various data sources.
- Attained experience of remote work, working on multiple projects at a time and agile development.

SKILLS USED: HTML, CSS, PHP, Laravel, JavaScript, JQuery, Wordpress, BlinkAI API, Facebook SDK, Node.js, Git, JIRA, Linux

Freelance Software Developer

Kumasi, Ghana February 2015 – May 2017

I worked as a freelancer building software mostly for student projects using desktop and web technologies.

- Built a REST API for the mobile app of a restaurant and deployed on AWS
- Was contracted to work on a forum site using PHP and MySQL though the project later got abandoned by client.
- Built a quiz software for first year students at my university to practice for Economics MCQ exams using C#. The software won an award at a college apps contest.
- Built a software for a student association in the Koforidua Technical Institute for sending SMS and emails as well as maintaining student profiles.
- Built a software for managing the registration of students in the client's chain of schools for various national exams.
- Assisted university seniors with final year projects.

SKILLS USED: HTML, CSS, PHP, Laravel, JavaScript, JQuery, MySQL, C#, Python, PyQt, Linux, Genetic Algorithms, Git, AWS

EDUCATION

BSc Computer Science – First Class Honours

Kwame Nkrumah University Of Science and Technology 2015-2019

- I served as the Research Officer of the Computer Science Society for the 2017/2018 academic year, was one of the top student programmers in the department and was highly sought after to become a Teaching Assistant.
- My final project involved using genetic algorithms to solve the college class scheduling problem. I used my research to build a Laravel application that could generate timetables for our college for both lectures and exams.
- Graduated with a first class honours degree while combining school with work as a full-time software engineer.

ACCOMPLISHMENTS

Winning Team, Hacklab Hackerthon 2017

I was part of a 3-member team that won a hackerthon organized for university students in Ghana. The theme for the competition focused on developing solutions that increase digital financial inclusion in developing countries.

OPEN SOURCE PROJECTS

Treehouse Videos Downloader

<https://github.com/Larriche/treehouse-downloader>

A Python script to easily download course videos from Treehouse.

LANGUAGES

- English

TIME ZONE/AVAILABILITY

I am available to work in any timezone for 40 hours a week.