**Francis Gyimah**

Senior Full-stack Javascript/Typescript Software developer

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**Summary**



I am a professional software developer with over 5 years of experience. I love building digital experiences both on the web and on mobile. I love working with cloud services and cloud-native tools such as Docker, Amazon Web Services and Digital Ocean. I love working with typescript/javascript and its ecosystem such as react/nextjs, vuejs/nuxtjs, express, nestjs, react native and with databases such as PostgreSQL, MySQL, MongoDB and firebase.

**Skills**



TypeScript • Node.js • React • PostgreSQL • MySQL • Jest • Test driven development • Vue

**Work Experience**



**Full-stack Javascript Developer** May 2021 – present

[Oozou (Thailand)](https://oozou.com) • Full-time

Remote

**Technologies: TypeScript • Node.js • React • Nest.js • PostgreSQL**

* Lead the development of a crypto arbitrage software that automatically takes advantage of ineﬃcien-cies between coin pairs on various diﬀerent crypto exchanges and trades them to make a profit. I was the lead JS/TS developer during the entire build of the project where I worked on mainly integrations to the various exchanges, the frontend part of the application and accounts/balances management. Mainly used Nestjs/Typescript for the backend parts, graphQL and Rest as a data transfer layer, Post-greSQL as the main application database, Redis for caching and for running background jobs, Docker with Docker compose for containerization, Statsd for running metrics, Zeromq as the messaging queue and AWS(ECS, RDS, Route53, etc) as the cloud service.
* Worked as a senior Javascript/Typescript developer on a client E-commerce project. Worked on mostly the backend services for one of the major E-commerce companies in Thailand where I helped ship new features as well, fix and maintain the system, mostly through data backup, resolving customer's production issues, etc. Mostly worked with Typescript and Nestjs services in the backend, PostgreSQL as the main database of choice, Shopify as a storefront along with integrations with several diﬀerent logistics services.
* Helped in mostly bug fixes on the company's own internal projects
* Helped the company in recruitment, through interviews, take-home assignment design and reviews

**Senior React Developer** Dec 2020 – May 2021 • 5 mos

[Agiliti TechPartners (India)](https://agiliti.dev) • Contract

Remote

**Technologies: TypeScript • React • Redux • Jest • Cypress**

* Led the front-end engineering team at Agiliti to work on the frontends for their main applications. I was able to help the company deliver its first public MVP within three(3) months of joining after the projects had been in development over a year prior to my joining.
* Also helped work on a client hospital appointment application for the company. Transformed the entire company's codebase from React in plain Javascript to Typescript and enhanced with integration and unit tests as well as the overall frontend user experience.
* Helped company interview and recruit additional frontend engineers who were well vetted and proved to be much better on the job too

**Senior VueJS Developer** Feb 2021 – May 2021 • 3 mos

[Aggrom S a r l (Morocco)](https://aggrom.com) • Contract

Remote

**Technologies: Vue • TypeScript • Vuex • Vuetify • Jest**

* Worked as a senior VueJS developer for the company where I helped build and ship an internal management application that helped the company manage their employee-related activities, business products and documents. The project contained features such as reporting, exporting reports in both PDF and excel, automated email alerts, calendar integrations and a lot more

**Full-stack developer** Sep 2020 – Feb 2021 • 5 mos

[JLS Trading (United States)](https://jlstradingco.com) • Internship

Remote

**Technologies: TypeScript • Express JS • React • Jest • MySQL**

* Worked as a full-stack developer intern where I worked mainly on an inventory system used internally by the company to manage the shipment and movement of goods around their diﬀerent warehouses. Enhanced the overall test coverage of the system from backend to frontend. Built some new features into the application such as a light/dark mode theme. Integrated CI/CD pipelines into the project using GitHub actions and added containerization support as well through docker and docker-compose.
* Was the overall best intern 2020

**Fullstack developer (Ghana)** Sep 2020 – Dec 2020 • 3 mos

Asqii • Internship

Kumasi, Ghana

**Technologies: TypeScript • JavaScript • React • Node.js • MySQL**

* Worked with a local startup from Ghana where I interned part-time as a full-stack software engineer and worked on a management system for the National Communications Authority in Ghana. I also helped them deploy on their internal servers in the company after completion of development

**Web Developer** Apr 2020 – Sep 2020 • 5 mos

[Global Startup Ecosystem](https://globalstartupecosysten.com) • Internship

Remote

**Technologies: HTML/CSS • JavaScript • Performance testing • SEO**

* Worked as a frontend developer for the company where I mostly did SEO related work. Ran per-formance tests on the website of the company and suggested areas that can be improved. Built advertising sites for the company as well for upcoming programs with plain HTML, CSS and Javascript.

**Lead Engineer** Jan 2019 – Feb 2020 • 1 yr 1 mo

Sanapp Cooperation • Contract

Kumasi, Ghana

**Technologies: JavaScript • Node.js • Graphql • Amazon Web Services • Vue**

* Worked as the lead developer of a five-man team during the build of a sanitation reporting application. I lead the planning of the entire project and worked along with the team to ensure a successful project launch. The project was mainly built with Nodejs and Express in javascript. We used GraphQL as the main query language, VueJS for the frontend with Vuex as a state management solution.
* We were able to attract investors after the project launch and subsequently sold oﬀ the project to the main waste management company in the country, Zoomlion.

**Fullstack web/mobile developer** Sep 2017 – Nov 2018 • 1 yr 2 mos

Freelance web/mobile developer • Freelance

Remote

**Technologies: TypeScript • React • React native • Android • Node.js**

Worked as a freelance web and mobile developer where I build several diﬀerent applications, both web and mobile for a diﬀerent number of clients. Projects ranged from very simple web applications to large full-stack applications requiring both mobile and web applications with backend and frontend related works.

**Educations**



**Bachelor's degree: Computer Engineering** Sep 2017 – May 2021 • 3 yrs 8 mos

Kwame Nkrumah University of Science an Technology

Kumasi, Ghana

Grade/GPA: Second class upper

**Languages**



**English** (Native or bilingual proficiency)