Alexander Osei Gyapong

Full Stack Software Engineer

Experienced and forward-looking Full Stack Software Engineer with 5+ years' background in developing and shipping innovative software solutions to improve productivity. Highly knowledgeable in almost all aspect of the software development lifecycle, from conceptualization through to development and delivery. Recognized as a strong software engineering professional with a Diploma in Business Information Technology focused in Information Technology from NCC Education, UK. Innovative thinker and a team player who leads an organized team to accomplish projects on said timeline.

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AREAS OF EXPERTISE

Web Application Design & Development	Troubleshooting	Software Development Lifecycle
API Design & Development	Technical Process Improvement	System Analysis & Databases

WORK EXPERIENCE

Full Stack Software Engineer

Carra Hair Beauty Tech (Fully Remote) - UK (https://carra.co)

April, 2022 – Present

Creating a joy-filled future for textured hair. Hair care product recommendations tailored to customer's needs. Provides unbiased, expert advice whatever your style and support when a customer needs it.

- Tasked daily to scrape public data from the web across multiple sites for data science purpose using Python.
- Build additional new features to the existing website, client portal and admin portal using various technologies ranging from React.js, Vue.js, Node.js, Next.js, PHP Laravel, Laravel Nova, Python, Flask and PostgreSQL.
- Responsible for building and maintaining a mobile application used by their clients using React Native.
- Maintain and update website, client account portal and admin portal.

LoGig, LLC. (https://logig.tech)
December, 2017 – Present

⇒ **Ovasyte Enterprise System (ERP)**

A progressive enterprise management solution designed specifically for Micro, Small and Medium enterprises in developing countries. (https://ovasyte.com)

- Supervised and led a team of 4 equal level software engineers during the design and development of Ovasyte, now being used by 25+ solid businesses in Ghana.
- Demonstrated expertise in automating specific client needs into easy-to-understand software solutions leading to a successful acquisition of additional 5 same sector businesses.
- Proficiently automated simple and complex technological problems for different assigned tasks and achieving over 84% customer satisfaction rate.
- Enhanced Ovasyte features to efficiently fix bugs and optimize the overall performance and reliability.
- Utilized software engineering expertise to develop the product throughout the software lifecycle to increase the efficiency of the product, from ideation and requirements stage through to development and successful deployment.

⇒ **Ovasyte Staff Terminal Benefit System (STB)**

A progressive Staff Terminal Benefits Scheme Management Cloud-based Off-the-shelf (SaaS) Provident Fund Management system.

- Spearheaded the entire backend architecture and development to produce such an elegant, user-friendly STB system to manage provident funds.
- Documented all modules and plugins to effectively train potential team members and existing ones.
- Improved certain features of the system which was initially not so good to about 97% speed boost.
- Strategized the existing methodologies to efficiently analyzed the databases to be more secure and maintainable.

⇒ **CoST Sekondi Takoradi Infrastructure Transparency Portal**

CoST Sekondi-Takoradi is a local chapter of CoST International working at the subnational level to implement transparency and accountability reforms within the infrastructure sector using CoST's core features of Disclosure, Assurance, Multi-stakeholder working and Social Accountability. (https://costsekondi-takoradigh.org)

- Helped to provide better solutions and troubleshooting support to resolve complex issues as a team member of the software engineering team.
- Supported a remote team to fix bugs and ensure the requirements of the CoST Sekondi meets that of CoST International as the project specified.

⇒ Eight Other Projects Under LoGig LLC

- Led the entire engineering team in the company to build self-sustaining eight different web applications for enterprises or businesses across USA, Ghana and Cameroon.
- Created and modified HTML, JavaScript and CSS web applications to optimize performance for faster loading and browsing.
- Designed and developed a well-documented front-end framework using solely JavaScript's web components API without any dependencies.
- Designed and developed a well-documented central API system that serve most the projects using Nodejs.

TECHNICAL SKILLS

| Node.js | JavaScript | SQL | MySQL | NoSQL | Amazon Web Services AWS |

| PHP | GIT | NPM | JSON | HTML | CSS | JWT | Apache | Nginx |

| React.js | Vue.js | TypeScript | CI/CD | Python | Django | GCP |

CERTIFICATES

Google IT Support Certificate

Coursera – (https://www.youracclaim.com/badges/98d9ace5-2243-4df3-aaa2-7643f3f5333b?source=linked_in_profile)

Google IT Support Specialization

Coursera – (https://www.coursera.org/account/accomplishments/specialization/certificate/UUE8FRNFVZQH)

IT Security: Defense against the digital dark arts

Coursera – (https://coursera.org/share/43e5d27efd877f6d46870682ec80d4c9)

System Administration and IT Infrastructure Services

Coursera – (https://coursera.org/share/3d297b361386a854a442f38e197ffad1)

Advanced Node.js

LinkedIn – (http://www.linkedin.com/learning/advanced-node-js)

Introduction to Node.js

Gymnasium – (https://www.credential.net/fil6ztfl)

Advanced JavaScript Concepts

Udemy – (https://www.udemy.com/certificate/UC-42a9ed4b-0e1a-41fe-8c2d-3f80445703a6)

Introduction to JavaScript

IBM – (https://www.youracclaim.com/badges/14b473c2-d5df-41f0-be35-43259ecc707f/linked_in_profile)

SQL (Basic)

HackerRank – (https://www.hackerrank.com/certificates/4ef12e906dd5)

PERSONAL PROJECTS

Online Medical Services (https://doorstepmedicaldoctors.com)
Dan Asiamah Missions (https://danasiamahmissions.org)

EDUCATION

Diploma in Business Information Technology

NCC Education, UK
January 2017 – December 2017

Computer Science Concepts

HarvardX - Edx
January 2020 – December 2020

Computer Systems and Networking Certificate

IMPC - Ghana
January 2014 – June 2014

LANGUAGES

English – Professional Working Proficiency