

LAWRENCE DARKO BAAH

[in LinkedIn](#) | [233-50113-1739](tel:233-50113-1739) | lawrencedarko.com | darkolawrence@gmail.com | [GitHub](#)

Skills

- Java | JavaScript | TypeScript | C++ | Python | MongoDB | MySQL | Node | Express | React | Next | Django | Zustand | NoSQL | Git
- AWS Amplify | Cloud Computing | CI/CD | Jest | Unit Testing | OOP | Framework Development
- Microservices | Frontend | Backend | Full-Stack | English, Twi, Spanish – *All professional proficiency or above*

Experience

Freelancer

Self

07/2020 - Current

- Software Engineering, Framework development, Tech Life, Coding, Career Advice, LeetCode

Full-Stack Engineer

PaySwitch

East Legon, Ghana

05/2023 - Current

- Led the design and development of an enterprise money collection application called PayLink, driving around GHS 20,000 of revenue every month using the latest technologies of **Next.js, Node.js, Express.js, Mongo DB, and Tailwind CSS**.
- Designed and implemented scalable APIs for managing transactions using **Express, Bun**, and other **technologies** that serve thousands of requests daily.
- Led the development of several products E2E, from identifying system requirements and partner dependencies to workload balancing, software implementation, engineering, testing, and configuring metrics, monitors, and dashboards.
- Enriched systems management by creating a centralized dashboard for monitoring and managing different software products.
- Continuous Integration/Deployment Pipeline Integration, pull requests, load/stress testing, unit/integration testing

Software Development Engineer

I invent

Amsterdam, Netherland

10/2021 - 03/2023

- Designed and developed an integrated ecosystem of enterprise food ordering app using **JavaScript, React, AWS, and DynamoDB**.
- Worked with the Solutions Build and Site Reliability Engineering team to establish robust engineering practices to maintain the quality of products.
- Automated the restaurant platforms' user-experience testing process by integrating Nightwatch Selenium.

Software Engineer

Luminosity Lab

Tempe, Arizona, USA

01/2019 - 09/2021

- Led the design and development of a USAID sponsored enterprise supply chain applications for Luminosity lab and CARISCA lab driving an increase in adoption rate across Africa using **react-native, and redux**.
- Authored code fixes and enhancements for inclusion in future code releases and patches.
- Played an integral role in pivotal engagements with USAID and CARISCA, fostering productive dialogues and collective efforts that culminated in the successful realization of project objectives.
- Led a proficient team of programmers in developing mobile apps that integrated gamified elements with supply chain principles for an intuitive learning experience that demystified intricate concepts.

Software Engineer, Contract

Kumasi Municipal Assembly

Kumasi, Ghana

06/2019 - 01/2020

- **Noise Pollution Control Device:** Developed a program for an Arduino device to help fight noise pollution (Arduino) ([link to news](#))

Software Engineer, Startup

Tek-devisal

Kumasi, Ghana

06/2019 - 12/2020

- **Safet mobile app:** Security systems and software development ([link to news](#))

Education

Bachelor of Science

Kwame Nkrumah Uni. of Sci & Tech

Kumasi, Ghana

09/2017 - 09/2021

- Major in Physics with Computing

Projects

- **GENIE.Js:** Creator of an opinionated TypeScript Framework that runs on Bun.js runtime and promises speed (**10/2023**)
- **FINDVEGAN:** Designed and developed a food ordering app (Restaurant app, Rider's app, Users app) for vegans (**01/2022**)

Mentorship

- **CARISCA:** Coding Bootcamp Mentor responsible for mentoring and giving career advice to KNUST students (**01/2021 - 04/2022**)
- **Computing Tutor:** Programming | Data Structures and Algorithms | career advice | coding interview prep | professional portfolio

Others

- **Optic Fiber Splicing:** Johvic FiberTech Solutions (**11/2021**)