agyemangduahc@gmail.com

# CLINTON AGYEMANG DUAH

## Skills

- JavaScript; TypeScript; C++; Python; React; React Native; Flutter; SwiftUI; Redux;
- NodeJS; MongoDB; Express; Firebase; AWS Amplify; AWS (S3, DynamoDB, etc); Git; Jest; React Hooks; OOP; Mobile Development; Web Development; *Languages* – English – *All professional proficiency or above*

## Experience

**Co-founder & Software Engineer**  **Swic Ventures (Easy Rent Ghana)**  *Ghana*  **02/2022 – Current**

- Designed, developed, and launched the **Easy Rent Ghana App** from concept to execution. Leveraged **React Native** to ensure a seamless cross-platform user experience, making housing booking accessible to both iOS and Android users.
- Implemented a robust technological stack, including **AWS DynamoDB** for efficient data management, **Amazon S3** for secure cloud storage, **Amazon CloudFront** for content delivery, **Amazon Cognito** for user authentication and **AWS Amplify** for scalable development.
- Successfully attracted and retained a growing user base, with over **1600 users** and counting. Easy Rent has become the preferred platform for individuals and university students seeking convenient housing solutions, eliminating the need to engage with agents and mitigating the associated financial and security risks.

**Software Engineer**  **Twikc**  *Nigeria*  **11/2021 – Current**

- Collaborated with co-founder to conceptualize and design a cutting-edge social media mobile application. Utilized React Native to develop the front-end, ensuring a responsive and user-friendly interface.
- Designed and implemented a robust API and back-end using **Node.js**, with **MySQL** as the database management system. Integrated third-party services such as **Cloudinary** for media storage, **OneSignal** for push notifications and **Mixpanel** for analytics.
- Enabled users to upload various types of content, including images, videos, and audio, enhancing user engagement and interaction.
- Continuous Integration/Deployment Pipeline Integration, Code Reviews, Load Testing, Unit Testing

**Software Developer, Contractor**  **Quickchore Corporation (Chimera)**  *Chicago, U.S.A*  **06/2021 – 02/2022**

- Successfully resolved critical bugs in both Android and iOS modules, ensuring uninterrupted project progress.
- Seamlessly integrated Payment Gateway API (Stripe) for efficient and secure customer payments, enhancing the app's functionality. Chimera is a simple way for individuals and businesses to sell services and products with a substantial user base of users, contributing to monthly revenues exceeding hundreds of thousands of dollars.

**Software Developer**  **Revolo Infotech**  *Mumbai, India*  **06/2021 – 11/2021**

- Contributed to India's first online transport and logistics company, bridging truck owners and carriers to efficiently procure cargo at competitive rates.
- Designed and implemented a mobile application for Logistics Systems, allowing registered users to seamlessly post loads and track shipments. Leveraged cutting-edge technologies, including **React Native**, **Redux**, and **React Native Paper**, to deliver a user-friendly and responsive application. Developed core functionalities of **Airowin** (Customer & Vendor) and **Trucknetic** (Carrier & Shipper) Apps, pioneering innovations in the logistics industry.
- Successfully integrated Payment Gateway API (**Paytm**) to facilitate secure and convenient financial transactions within the apps.
- Achieved remarkable user engagement, with Trucknetic garnering over **100,000+ downloads** on Google Play and driving substantial revenue.

**Web Developer**  **FastCedis, HiplifeDx & MinnyBunny**  **02/2017 – 05/2020**

- Established and managed three digital businesses - Fastcedis.com, HiplifeDX.com and MinnyBunny.com.
- Developed FastCedis and HiplifeDx using HTML, CSS3, and JavaScript. Introduced e-commercee through MinnyBunny.

## Education

**Master of Computer Science**  **University Of New Brunswick**  *Fredericton, Canada*  **09/2023 –**

- Focused on coursework covering advanced topics in computer science.

**Bachelor of Technology**  **Gulzar Institute of Eng. & Technology**  *India*  **09/2017 – 05/2021**

- Bachelor of Technology in Computer Science and Engineering.
- Data Structures & Algorithms; Artificial Intelligence; Software Engineering; Computer Network;

## Projects

- **Easy Rent Ghana:** Pioneered the first mobile app for convenient university student housing booking in Ghana.
- **Twikc:** a social media app to compete with leading platforms, offering a unique and engaging social networking experience.
- **Truckentic**: Contributed to a logistics app revolutionizing the Indian transport industry.