

# Clinton Agyemang Duah

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## SUMMARY

Results-driven React Native & Full-Stack Developer building scalable applications for real estate, logistics, and EdTech sectors. Expertise in React Native, AWS (Amplify, EC2, DynamoDB), React and Node.js. Notable achievements include 40% faster app performance (Easy Rent Ghana), 150k+ downloads (Trucknetic), and streamlined admissions for 10,000+ students (Uniflow). Passionate about creating high-performance solutions that solve real business problems.

## TECHNICAL SKILLS

**Languages:** Javascript, Typescript, C++, Python, HTML5/CSS3

**Frameworks:** React Native, React, Node.js, Flutter, NextJS, SwiftUI

**Cloud/ DevOps:** Amazon Web Service (Amplify, S3, EC2), Google Cloud Platform, Firebase

**Database:** MongoDB, DynamoDB

**Developer Tools:** Git, VS Code, Postman, Appium, Android Studio, Xcode, Expo

**Advanced Skills:** Software Security (OWASP), Requirement Analysis

**Certification:** React Native (Udemy), AWS Certified Developer Associate (Udemy)

## EDUCATION

**University of New Brunswick**

*Master of Computer Science*

Fredericton, Canada

Sep. 2023 – May 2025

**Gulzar Institute of Engineering & Technology**

*Bachelor of Technology in Computer Science & Engineering*

Ludhiana, India

Sep. 2017 – May 2021

## EXPERIENCE

**Founder & React Native Full-Stack Developer**

*Swic Agency (Independent Venture)*

Feb. 2022 – Present

Ghana/ Remote

- Led end-to-end development of a React Native property rental app using AWS Amplify (DynamoDB, Cognito, S3) and Google Maps API, eliminating agent fees and enabling direct landlord-tenant interactions.
- Achieved 5,015+ active users and Top 10 App Store ranking (Ghana) within 2 months of launch.
- Engineered a Node.js image compression API (Sharp, AWS EC2), reducing property image sizes by 70% and improving app load times by 40%.

**Full Stack Developer**

*Uniflow Technologies Limited*

April 2022 – August 2023

Sunyani, Ghana

- Contributed as a Full Stack Developer in a product team to build the Uniflow SHS Admissions System, adopted by 38+ schools in Ghana to automate student admissions and eliminate manual document submissions, reducing student travel by 100%
- Developed an interactive admin dashboard using React.js with reusable components, enabling real-time monitoring of admission metrics and student application status
- Built RESTful APIs using Node.js and Express to handle high-volume document uploads and processing, implementing efficient data validation and storage mechanisms
- Architected workflow automation for student document processing, slashing admission processing time from 3 weeks to <1 hour and serving 10,000+ students annually.
- Optimized system performance by refining backend APIs and frontend interfaces, reducing server response time by 40% and improving user satisfaction scores by 25% (post-launch surveys).
- Collaborated with school administrators to tailor solutions; praised by administrators for “improved efficiency and security” (Sacred Heart SHS Headmistress)

**React Native Developer**

*Revolo Infotech*

June 2021 – Nov. 2021

Mumbai, India

- Developed enterprise React Native apps for logistics clients, contributing to 150,000+ cumulative downloads and a company-reported \$5M+ in revenue
- Built real-time cargo tracking and instant booking features, reducing manual freight-matching time by 40% for 50,000+ users.

- Integrated Google Maps APIs and Razorpay for secure payments, processing a high volume of transactions, improving user experience and app reliability.
- Optimized app performance, reducing crashes by 25% and latency by 30% through debugging race conditions and memory leaks.

## PROJECTS

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**Easy Rent Ghana** | *React Native, AWS Amplify, Dynamodb, S3, Cloudfront, EC2, Node.js*

Easy Rent Ghana (App Store)

- Developed a full-stack real estate app using React Native, AWS and Node.js
- Integrated AWS Cognito for auth, DynamoDB for listings, and Google Maps for geolocation
- Enabled direct landlord-tenant interactions, eliminating agent fees and improving accessibility for active users

**Trucknetic Carrier/Shipper Apps** | *React Native, RazorPay, RestAPI*

Trucknetic App (Google Play Store)

- Developed enterprise logistics apps for India's first online transport platform
- Integrated APIs for cargo tracking and payments, contributing to 150,000 downloads.
- Reduced regression testing time by 30% via Appium automation, improving release reliability.

**BeSelina AI** | *React Native, Node.js, OpenAI, Google Cloud Platform (Google Cloud Run), Cloud Vision API, Sentry*

BeSelina AI (App Store)

- Developed an OCR-based mental health app to digitize handwritten reflections and provide AI-driven insights.
- Integrated Google Cloud Vision API and OpenAI for contextual analysis.