

# ERNEST BOAMAH GAISIE

SOFTWARE DEVELOPER 📍 CANADA

## ◦ DETAILS ◦

Canada  
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Date of birth  
19-03-1998

Nationality  
Ghanaian

## ◦ LINKS ◦

[Personal website](#)

[LinkedIn](#)

[Github](#)

## ◦ SKILLS ◦

Python

Flutter

React JS

JavaScript

Node JS

MongoDB

iOS Development

Git

Agile Development



## PROFILE

I'm a native iOS and Flutter developer, with experience in React JS, Node JS and MongoDB. I'm very passionate with over 5 years of experience and dedicated to my work with over 20K+ downloads and innovative mobile app awards.



## EMPLOYMENT HISTORY

### Software Engineering Consultant at ViuHealth Inc, New York

December 2022 — Present

- Specialized in iOS app development with Swift and SwiftUI for autoimmune patients care and smooth processes of clinical trials, then transitioned to Flutter for cross-platform integration, ensuring a unified user experience. Collaboratively optimized performance and streamlined maintenance for enhanced functionality.

### Software Engineer at Floodgates Limited, Accra

September 2020 — November 2022

- Led development and launch of three mobile apps for iOS and Android with Flutter, driving company's tech progress and resolving customer issues for smooth app operation. Our Tech4Democracy Africa win was amplified by support from partners like Microsoft and U.S. Department of State.

### Software Engineer at Qodehub, Achimota

June 2018 — August 2020

- Designed, built, and maintained a cryptocurrency trading app for clients. Implemented an iOS mobile application enabling direct purchase of apartments and lands, bypassing the traditional agent system.



## EDUCATION

### BSc. Computer Science, University of Ghana, Legon

September 2015 — June 2019

- Relevant coursework:** Programming (C++ and java), Data Structures and Algorithms, Introduction to Artificial Intelligence, Software Engineering, Computer Architecture, Calculus, Algebra, Discrete Mathematics, Software Engineering .



## PROJECTS & RESEARCH

### Intelligent Music Player with Sentiment Analysis(Research, AI, Python), Legon

January 2016 — May 2019

- Researched emotion detection from facial expressions and text inputs using classifier algorithms. Developed a system for personalized music playlists based on users' mood, determined through AI facial and text sentiment analysis, and integrated advanced models for emotional state catering.

### TimberCI (React JS), Accra

April 2022 — July 2022

- Implemented a system for timber derivatives distribution in domestic and export markets. Designed and developed a web application to optimize stock levels, track goods in transit, manage warehouse operations, and automate internal processes.