HANNAH BOADIWAA LORMENYO

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Dublin, Ireland

Summary

I have 3+ years of professional experience and I have a proven expertise in Flutter, Java, and Python, alongside a background in web development using React and Angular. As a lifelong learner, the experience I have gained by working on a diverse range of impactful projects has equipped me with both technical and personal skills to work well in various environments as a leader and a great team player. I aspire to be an exceptional Software Engineer, Leader, and Problem-solver.

Skills

Web development (HTML, CSS, JavaScript, Typescript, VueJs, Angular, React)

REST API development with Flask, Django, Java Server Faces, Spring boot

Mobile app development with Flutter and Dart

OpenAPI 3.0

Data Science with R and Python

CAD and 3D printing

Embedded Systems and Bare metal Programming with C/C++

Leadership and Mentorship skills

Great Team Player

Outstanding Public speaking and communication skills

Education

Ashesi University | BSc. Electrical and Electronic Engineering   September 2017 – June 2021
GPA – 3.75 (Magna Cum Laude)

Wesley Girls High School | General Science   September 2014 – May 2017

Work Experience

Software Engineer | July 2022 – Present
Bank of America, Global Payments Operations | Dublin (Java, Spring boot, Trace Financial, IBM MQ, MuleSoft, WebLogic)
- Updated the payment flows with an exception handling framework to remediate failed payments.
- Added additional features in the payment flows to handle more transaction scenarios

Flutter Engineer | February 2022 – May 2022
Phonon X| Remote (Flutter)
- Improved user experience by implementing user profile update and filter features on a voice-messaging app (Carbon Voice).

Backend Engineer | November 2021 – January 2021
Montech | Remote (Typescript)
- Upgraded an API implementation of XRP blockchain network to allow transactions to addresses with destination tags.
- Built a complete API for a mobile application that creates wallets for users on the XRP network.

Senior Software Engineer | October 2021 – February 2022
Analog LLC | Remote (Flutter and React)
- Led a team in building a messaging app called Native to allow users to communicate with friends, family, and coworkers in clusters.
- Implemented search and account deletion features for HoneyButter web app and updated some UI features to improve the user experience.

Faculty Intern | August 2021 – August 2022
Ashesi University | Ghana
- Assist faculty members with classroom instruction, exams and record keeping, tutor and mentor students and perform research.

Technology Analyst | June 2021 – August 2021
Bank of America, Global Payments Operations | Remote
- Built a web application to make transactions easier for charity organizations and donors.

Software Engineer | July 2020 – January 2021
Analog LLC | Remote (Python)
- Built an Image Caption Generator model using TensorFlow and deployed the model in a Flask application on an AWS EC2 instance.
- Built a python to pseudocode generator to be used in a code translation model.

Lead and Tutor | September 2018 – September 2020
Google Developer Students Club | Ashesi University
- Organized workshops and tutored students in web development, mobile app development and machine learning.

Engineering Intern | July 2019 – August 2019
Automation Ghana | Spintex, Ghana (Python)
- Built a generic custom components integration and an integration for Smart G4 on the Home Assistant platform.

Software Engineering Intern | June 2019 – July 2019
Ecobank E-Process | Accra, Ghana (Java)
- Built a mobile banking USSD application for Econet and NetOne users in Zimbabwe.
- Built a Java web application for developers to request for overtime approvals.

Facilitator | December 2017 – December 2019
Speak Python Bootcamp | Ispace, Accra
- Tutored girls in Python programming, planned the activities in the boot camp and implemented them.

Project/Research

Serial Shark |Full-Stack Developer (Dart and Flutter) | August – September 2021
- A mobile application that allows users to send serial commands to their embedded systems.

Abofra |Full-Stack Developer (Dart and Flutter) | June – September 2020
- A mobile application that offers early child education to children below 6 years using a parent's cloned voice.

Attendance Checker | Team-Leader (C++) | May 2019
- An RFID system that checks the attendance of students as they swipe their ID cards over the RFID reader, stores the data in Firebase database and displays it on a web page.

Project Octopus (ComWal) | Facebook Hack-A-Project (Python) | July 2018
- A web application for community members to make community problems known to authority.

Achievement/Awards

Best Female Developer in AI and Data Science | 2021: The youngest and first to be awarded the best female developer in AI and Data Science by the Ghana Tech Lab.
Winner, HackLab Hackathon | 2021: Led my team in winning first place amongst 26 teams that participated in the hackathon.
Get Ahead, Google | 2020: Completed 7 coding challenges in the Google Get Ahead program.
Silver Medal, IGEM Ashesi | 2020: Completed and presented on a bioengineered solution for coastal erosion and plastic waste in the ocean.
Engineering Competition Winner, Ashesi University | 2019-2020: Completed ten engineering challenges including breadboard, embedded systems, and CAD challenges within 3 hours.
Dean's list, Ashesi University | 2018-2021: Recognition by the Dean of students for getting a GPA of 3.5/4.0