





Joshua Kumi Asare


Full Stack Software Engineer


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Professional Summary

Full Stack software engineer with over 3 years experience who is well versed with current front-end technologies and scalable back-end systems with REST APIs.

Relevant Experience

Senior Front-end Engineer @ Asqii LLC, Kumasi

May 2019 - Present | Remote

- Develop hybrid apps for Android and IOS platforms using react-native.
- Implement backend systems mainly using Node JS, typescript, and MySQL database.
- Develop apps that integrate well with NoSQL databases and leverages serverless OAuth features such as Google authentication and cloud messaging platforms like Twilio.
- Led a team of 4 UI/UX engineers and designers to develop a offline/online mobile app and progressive web app for revenue collection and monitoring for the Local Assemblies in Ghana.
- Write high quality, documented and maintainable code using SOLID principles and Test-driven development.
- Set up CI/CD with GitLab for fast and safe deployments.
- Collaborate with other remote team members and engineers using tools like slack and Trello.
- Reduced battery usage by ~25% and start-up time of existing applications using recommended design patterns.

Software Development Support @ Intercity STC Ltd

May - Sept 2018 | Accra (GH)

- Built a web application for the administration of the technical services department using HTML, CSS and jQuery.
- Worked closely with 2 other developers to engineer a real-time application for bus scheduling and keeping track of moving buses for STC bus terminals.
- Implemented a strategic plan for component development practices to support future projects.
- Reduced institution's expense by ~2.3% and increased efficiency through digitization.

Front-end Engineer @ Schooldesk

May - October 2017 | Kumasi (GH)

- Collaborated with a team of 6 made up of interns and engineers to develop a school management system for elite schools.
- Proposed and implemented project structure for front-end and backend applications.
- Developed, tested and maintained code for client and internal websites mainly using React and Node JS.
- Interfaced with clients to author well documented software requirement specifications for projects.

Education

Kwame Nkrumah University of Science and Technology

BSC. Computer Engineering,
2015 - 2019 | Kumasi (GH)

Skills

Programming languages

JavaScript, Typescript, C/C++, Java, Html, CSS (and SASS), Python, Go, Dart

Libraries and Frameworks

Node js, Express Js, React/React Native, Flask, Electron, Tensorflow

Data

MySQL, MongoDB, Firebase, Realm, SQL-lite

Tools and Platforms

Git, Google Cloud Platform, AWS, Heroku, GitLab, Adobe XD, Invision, Trello, Slack

Projects

MMDA SUITE

An offline-persistent web and mobile platform for revenue collection.

React/React Native, Node JS, GraphQL, Realm DB, MySQL

SCHOOLDESK

An entire school management software suite (Mobile, web, desktop).

React JS, React Native, Golang, MySQL, DataStore, GCP, Python, Electron

TECH-HUB

A categorized news and information platform for KNUST.

React JS, Python, MySQL