

OBED AMOASI

SOFTWARE ENGINEER



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Self motivated Software Engineer with over 5 years of experience, well versed in Frontend and Backend development with Microservices Architecture. I design scalable test driven applications and with awesome **UX**.

PROJECTS

Numbers to words converter

www.npmjs.org/package/number-word

An npm package to written in typescript to convert numbers to its word correspondent

SchoolDesk

www.schooldesk.cc

A multi-tenant school management system currently operating in Ghana and Dr. Congo

West African Web Apps

Vulnerabilities Research

Published a paper in KNUST journal about the effect and magnitude of vulnerabilities in west African web apps

MongoDb Identity Server Sample

Built a C# identity server sample with mongo data store. The Auth server Sign up, Account Lockout, 2fa and some more, and it follows the OIDC standard

SKILLS

Programming Languages.

Javascript, Typescript, C#, CSS, HTML, SQL, Python, Java, Kotlin, Swift, C/C++

Libraries & Frameworks

Angular, Node JS, Express, Django, Flask, J-Query, React Hapi JS, ReactNative, Rx, Retrofit,

Tools & Platform

MongoDB, MySQL, Git, Azure, .Net, Heroku, GCP, AWS, Netlify, Travis RabbitMQ

WORK EXPERIENCE

AUG 2018 - PRESENT

Senior IT Consultant | Accra

Bee & Bloom Digital – Accra, Ghana

Manage and collaborate with other designers to achieve project goals, usually build back-end and translate mockup into frontend designs for clients' application and internal systems.

OCT 2017 – AUG 2018

Senior Software Engineer | Remote

iTagTip – Calgary, Canada

Worked with a team of three developers to build the backend of a realtime geo-location application, Set up CI/CD on Azure for fast and Safe Deployment. Developed a suite of frontend applications for iTagTip and built a single sign on Authentication server.

JUL 2017 - OCT 2017

Frontend Engineer | Remote

SchoolDesk – Accra, Ghana

Implemented and Update the frontend design of a multi-tenant school management software currently operating in Ghana and Dr. Congo.

MAY 2016 – JUN 2017

Software Developer

ASQII – Kumasi, Ghana

Built frontend of client apps from mockups from designers
Built a joke sharing social media app
Built the web and mobile application of an event management system

EDUCATION

2013 - 2017

Bachelor of Science in Computer Engineering

*Kwame Nkurumah University of Science
and Technology – Kumasi, Ghana*

Majors in Software Engineering

Courses: Data Structures &
Algorithms, Computer Architecture,
Distributed Systems Design, Object
Oriented Programming, Computer
Graphics, Statistics & Probability.

INTEREST

Maths, Game Theory, AI/ML, Psychology
and Human Behavior, Finance,
Photography

HOBBIES

Travelling, Swimming, Reading, Forex
Trading, Financial Analysis, Blogging

MAY 2014 - 2015

Intern Full Stack Developer

University Information Technology Services – KNUST, KUMASI

Built a Demo Bus Ticketing platform for inter-city transport
system

Designed and optimized Database Schemas

SEP 2016 – OCT 2016

Freelance Software Developer

The Gatsby Magazine – KNUST, Kumasi

Developed a campus based digital magazine for the Gatsby
magazine

JUN 2013 - JUN 2017

Part-time Onsite IT Support | Accra

Agenda Commercial Ltd – Accra, Ghana

Provided IT support for employees of Agenda from
different backgrounds whiles providing periodic system
checks and ensuring maximum uptime possible.

JUN 2014 - PRESENT

Volunteer Trainer (Weekends Only) | Traveling

Ghana Robotics Academy Foundation – Accra, Ghana

Trained high school students and below in robotics and STEM
education.

Prepare students for local and international competitions