

KWADWO BUSUMTWI

PROFESSIONAL SUMMARY

An IT professional with 6 years of experience looking for a role as a Software Engineer. Highly experienced in Java, PHP and Javascript. Fluent in speaking French and English.

SKILLS

Java	Spring Boot, Maven, Gradle, Android
DevOps	Docker
Database Development	MYSQL, PostgreSQL, MongoDB
Operating Systems	Windows , Linux, MacOS
Cloud	AWS , GCP, Azure
Scripting languages	Javascript , Python, Bash
API Development:	Express JS, Laravel, Loopback, Spring Boot

WORK HISTORY

DATA ANALYST

Avia Global Consulting, Remote

06/2023 to current

- Proficient in using PySpark and Hadoop clusters to analyze large-scale datasets efficiently. Capable of preprocessing, cleansing, and transforming data for analysis and modeling.
- Transformed raw data into meaningful reports and visualizations empowering stakeholders to make informed decisions

Tools: Azure , Visual Studio Code, Pycharm IDE, Microsoft Office

BACK-END DEVELOPER

01/2021 to 02/2023

Chalkboard Education, Remote

- Developed version 2 of Chalkboard API which was achieved by making revisions to the bottlenecks in version 1 and changing paginating endpoint responses.
- Made periodic backups on the database and responsible for the changes in database entity relationship
- Responsible for making changes to yaml files to persist changes to GCP instances.
- Improved overhead on existing GCP instances by optimizing existing endpoints using cursor based pagination to ensure quicker response from queries
- Conducted unit testing to deliver optimal browser functionality
- Created and maintained dev environments using docker
- Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility

Tools: Laravel , Jira , Google cloud platform , PHP Webstorm , Postman , Visual Studio Code , Slack , Docker, Stripe , Notion, Git , Bitbucket, Linux, MySQL, PHPunit

SOFTWARE DEVELOPER

01/2020 to 04/2020

Paytrip, Paris

- Maintained existing AWS architecture
- Made use of Jira to manage development sprints
- Managed issues of over 10000 active users
- Created index strategies to reduce memory overhead when performing queries on the database
- Documented engineering meetings between QA and sales team
- Participated in software field testing to verify performance of developed projects
- Discussed issues with team members to provide resolution and apply best practices

Tools: Jira , AWS , MongoDB , Robo 3T , Postman , Visual Studio Code , Angular, Git , Bitbucket , Linux, Shell Scripts, Express JS, HTML , CSS

FULL-STACK DEVELOPER

01/2019 to 08/2019

Aubay, Boulogne-Billancourt

- Developed HR application for Business Unit "Digital Factory" using Angular 5/6, ionic to support over 1000 company consultants
- Created unit tests for application using Karma and Jasmine JS
- Planned and engineered RESTful web services to utilize data from Google analytics .
- Reviewed code, debugged problems and corrected issues.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Developed clear specifications for project plans using customer requirements.

Tools: Jira, Trello , MySQL , Visual Studio Code , Angular, SVN , Linux, Express JS, IBM LoopBack , Microsoft Teams, HTML , CSS, Adobe XD, Karma and Jasmine JS

ANDROID DEVELOPER

07/2016 to 09/2017

SnooCODE, Accra

- Successfully assisted scale up of SnooCODE application from Ghana to Africa audience.
- Interviewed , trained and managed android developers joining development team
- Managed over 3000 active users on android application
- Created a SpringBoot api application connected to the SnooCODE library
- Created the SnooCODE noSQL Database which is currently being used in production

Tools: SQLite , Visual Studio Code , C++ , Java , Android Studio, Adobe Photoshop , Sketch, Adobe XD , Firebase , jUni

EDUCATION

Université Paris Saclay, Paris

Master of Science, Computer Science, 10/2017 to 11/2019

Ashesi University, Accra

Bachelor of Science, Computer Science, 10/2011 to 06/2016

Coe College, Iowa

Bachelor of Science, Computer Science, 08/2014 to 12/2014

PROJECTS

- **OpenStack bare metal infrastructure project**, 04/2018 to

06/2018:

Made a bare metal openstack network with a parent and child node with two linux machines.

- **Yefree**, 05/2018 to 07/2018:

An application dedicated to aid registration of GPS coordinates into a digital address book

- **Ghana Inflation App**, 07/2017 to present:

A web application displaying inflation data from 1957 to early 2018 with data from the World Economic Forum

- **Elegoo Car App**, 08/2018 to 09/2018:

Developed an IoT Android application to send and receive information from an Arduino Elegoo car using Bluetooth



REFERENCES

AVAILABLE UPON REQUEST