

Dorglo Godwin

A prolific **software engineer** with over five years of expertise in .NET, C#, Python, and PHP. Possess a strong ownership mindset, demonstrating proficiency in backend technologies. Exceptional communication and collaboration skills contribute to successful cross-functional teamwork. Known for a passion for continuous learning and an adept ability to adapt to new technologies,

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WORK EXPERIENCE

Hubtel

Lead Software Engineer (Backend)

Ghana, Accra.

June 2022–Present

- Collect software requirement by the product manager and develop the application as per their requirement
- Evaluate and research the products and technologies related to software.
- Design and develop the activities and procedures related to activities and maintenance.
- Write high-quality code and unit test to meet customer requirement
- Design, develop and implement the critical application for the .NET environment

Orcons Systems

Software Developer (Full-Stack)

Ghana, Accra.

September 2018–May 2022

- Developed, tested, and maintained server-side web applications using PHP. Write clean and efficient code.
- Design, implement, and maintain MySQL databases. Optimize database queries for performance.
- Created server-side logic, defined and maintained the central database, and ensured high performance and responsiveness to requests from the front end.
- Effectively communicated technical concepts to non-technical stakeholders.
- Optimized applications for maximum speed and scalability.

TECHNOLOGIES

Stack

C# Asp.Net | DotnetCore,
Laravel PHP, Python Flask ,
Akka.Net (Actor System),
JavaScript , Linux

Other

MongoDB, Elasticsearch,
PostgreSQL, Redis, Apache kafka,
RabbitMQ, MySQL, AWS (EC2, S3,
Route53, Azure DevOps DevOps,
Firebase, Cloud functions, GCP,
AWS SES), Nginx, Cloudflare,
Docker, REST APIs

AWARDS

Best IT Student (2010) (SHS)

Ranked 1st of 500 student

LANGUAGES

English C2, fluent

French intermediate

References

Marcel Alaga, "Orcons Systems"

Lead Software developer
alagamarcel@gmail.com

- Participated in code reviews to ensure code quality and adherence to coding standards. Provide constructive feedback and incorporate feedback from peers.

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Mr. E.K Mensah, "Ghana Technology university college"

Faculty of engineering
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EDUCATION

Ghana Communication Technology University

Degree (BSc. Computer Engineering)

Ghana, Accra, 2014-2018

Second-Class Upper (3.4)

Azubi Africa

(Cert. Cloud Engineering)

Ghana, Accra, 2023

BlueCrest College

Degree (Cert. Cyber Security)

Ghana, Accra, 2021

Penetration testing

Reconnaissance gathering.

Understanding devices and infrastructure

PROJECTS

ECG POWER APP | ECG OPERATION ZERO APP

The ECG PowerApp is the official smartphone app for all customers, special load tariff users, and vendors of the Electricity Company of Ghana (ECG).

The Operation Zero App is designed to protect ECG's revenue against consumption abuse. This involves finding customers involved in electricity theft and billing them for their entire dues or disconnecting their service if they do not pay.

Role

- **Ensured system scalability and reliability**, accounting for growing user demand and the need to handle high volumes of customer data and transactions securely.
- **Developed and maintained RESTful APIs** that facilitate communication between the mobile app, back-end services, and external systems, including payment gateways and customer databases.
- **Implemented secure and efficient endpoints** for features like bill payment, consumption monitoring, service disconnection, and user notifications, ensuring protection against misuse and revenue loss.
- **Integrated with various payment methods** and third-party services

to streamline the collection of payments, providing multiple options for customers to pay their bills efficiently.

- **Enhanced fraud detection capabilities** within the Operation Zero App by building systems to track and respond to electricity theft, supporting accurate billing and prompt service disconnection when necessary.

<https://powerapp.ecg.com.gh>

<https://play.google.com/store/apps/details?id=com.ecgmobile.zero&hl=en&pli=1>

SME GROWTH AND OPPORTUNITY

The SME Growth and Opportunity Programme offers targeted financial and technical support to high-growth potential SMEs to accelerate their growth.

Role

- Helped in designing the back-end architecture to support loan application request workflows, payment processing, and integration with different payment methods.
- Ensured the scalability and reliability of the system, anticipating growth and changes in user demand.
- Developed and maintained RESTful APIs that facilitate communication between the front-end application and the back-end services.
- Implemented secure and efficient endpoints for loan application, payment initiation, and transaction history.
- <https://sme-go.gov-gh.com>

My CREDIT SCORE | HUBTEL PAY SMALL SMALL | LENDSCORE

My credit score and the lender focus on helping credit and lending companies ease up loan processing, boost their revenue, and give clients more purchasing power in their daily lives.

Role

- Designed the back-end architecture to support loan request workflows, payment processing, and integration with different payment methods.
- Ensured the scalability and reliability of the system, anticipating growth and changes in user demand.
- Developed and maintained RESTful APIs that facilitate

communication between the front-end application and the back-end services.

- Implemented secure and efficient endpoints for loan requests, payment initiation, and transaction history.
- I wrote unit tests to ensure the reliability and correctness of the back-end logic.
- Collaborated with QA teams to perform thorough testing, including end-to-end testing of the loan request and payment workflows.
- Implement mechanisms for notifying users about successful transactions, upcoming payments, and other relevant information

<https://mycreditscore.com.gh>

HUBTEL FOOD AND SHOPS

Hubtel is an eCommerce platform to organize sales processes in-store, online, and on mobile, helping businesses manage payments and communication with customers. It enables users to shop and pay for their favorite everyday items such as electronics, fashion accessories, clothing, food, and more. Hubtel offers minute-to-hour delivery of products.

Role

- Developed and maintained APIs that facilitate communication between the front-end and back-end systems.
- Ensure that APIs are well-documented, easy to use, and secure.
- Implemented and optimized database structures for efficient data storage and retrieval.
- Collaborated with cross-functional teams to understand business requirements and translate them into technical solutions.
- Developed unit tests and participated in system testing to ensure the reliability and robustness of the back-end APIs.
- <https://hubtel.com/shop>
- <https://hubtel.com/food>

THIRD PARTY REFERENCE SYSTEM (TPRS) | PAYSLIP

TPRS is a system that allows third-party institutions (TPIs) to directly deduct loan repayments, insurance premiums, welfare contributions, and credit union deductions from the salaries of Government of Ghana (GOG) employees at source.

- Assisted in designing the back-end architecture of the TPRS system, ensuring it is scalable, reliable, and efficient.
 - I worked on the integration of TPRS with existing systems and databases within the organization.
 - Developed server-side logic using PHP to handle business rules, data processing, and interactions with the database.
 - Optimized database queries for performance and scalability.
 - Implemented data storage, retrieval, and manipulation processes.
- success of the project doubled revenue
- <https://gogtprs.com/index.php?action=login>
- <https://www.gogpayslip.com/index.php?action=login>

SMART PAY

SmartPay is a payment platform that provides an interface for e-commerce platforms, organizations, and users to make payments electronically via mobile money, VISA, Master, etc. This application is divided into two phases: the client-user app and the web admin side. Users can report any fire incident through a snapshot and his or her location will be detected automatically

- Payment Gateway Integration: Implemented and maintained the integration of various payment gateways like Mobile Money, VISA, Master, etc.
- Transaction Handling: developed systems to manage and track transactions securely and efficiently.

- Server-Side Logic: implemented server-side logic for processing payments, handling user authentication, and managing data.
- Responsive Design: Ensured the platform's responsiveness across different devices and screen sizes using CSS and Bootstrap.

FOFOOFO- PAY

P2P payments and goods transactions This unique system helps you to exchange goods and services from clients on the platform, whereby the system serves as an escrow, which is a legal agreement in which the system serves as a third party that controls money until two other parties involved in a transaction meet certain conditions. The system reduces risk on both sides of a transaction, in this case, the sale, purchase, and ownership of goods.

- Designed and managed the database structure to store transactional and user data securely.
- Implement database queries and optimizations for efficient data retrieval.
- Developed the escrow system logic, ensuring that it complies with legal standards.
- Created processes that control the flow of money based on predefined conditions.