# EMMANUEL TEYE NARTEY

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Locations
Koforidua-Eastern-Ghana

Dedicated programmer and information technology enthusiast with experience in providing first-class web development solutions within any organizational setting, Application support services, Systems Administration and consistently exceeding expectations through a dedicated work ethic and passion for Information Technology.

## EDUCATION / WORKSHOP / PROFESSIONAL COURSES

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|---|---|---|
| **HND** | Koforidua Technical University, Computer Network Management | 2016-2019 |
| | Satellite Dish Installation Workshop | 2018-2018 |
| **CCNA** | Kwaps-Network Training Academy | 2016-2018 |
| **WASSCE** | Presec Begoro SHS, Begoro - E/R | 2013-2016 |
| **BECE** | St. Dominic Savio JHS., Afienya – Accra | 1998-2013 |

## PERSONAL SKILLS & COMPETENCIES

i. Highly organized and disciplined with a passion for IT.
ii. Identify, analyze and provide solutions to problems.
iii. A positive, high-energy team player with an ability to quickly learn from team members.
iv. Ability to work under pressure and with minimal or no supervision.
v. Ability to efficiently manage Time and Stress.
vi. Ability to work and complete tasks within deadlines.

## CAREER OBJECTIVE

i. Strive to attain a tremendous professional standard, and establish one of the best tech companies in Africa to improve upon our tech ecosystem.
ii. To help African companies know the relevance of Data Science

## INTEREST

i.      Women and Children's Education
ii.     Data Science
iii.    Trends in the Software industry
iv.    Reading articles on Quora, Medium, and listening to Stack-overflow podcast
v.     Learning about API designs and principles such as versioning, documentation, and writing good API's

## KEY ACHIEVEMENTS

i.     Developed web scraping programs using Python for collecting competitive data with the bs4 and scrappy python modules.

ii.    Developed an e-commerce website for a company called Xtayconnectafrica and implemented Search Engine Optimization (SEO) with Google on it.

iii.   Developed a program for NADMO-ADA WEST SAGE covering various aspects of the department (Stock, HR, Operations, Accounts, etc.).

iv.   Developed a program for Ada West District Statistical department that uses graphs to represent data from Django and Postgres database using the Zingchart JavaScript chart library.

v.    Built a school management system app for students grading and exam report.

vi.   Expert in transforming (exporting) existing Microsoft Excel and Access files into a database without breaking data integrity using pythons' data science libraries.

vii.  Experience in running cron jobs, task schedulers, and asynchronies code with Django channels, celery, Django-crontab, etc. with a monitoring tool like flower with message brokers like Redis, and RabbitMQ, etc.

viii. Expert in transforming (exporting) existing Microsoft Excel and Access files into a database without breaking data integrity using pythons' data science libraries

## KEY SKILLS AND ABILITIES.

*GENERAL*

    I.    Install and Maintain Windows Servers and Linux operating systems.

    II.    Write Computer programming code, Test Software & Modify Code to increase performance.

    III.    REST web services & APIs, SOAP, JSON, XML

    IV.    Full Stack Developer but more productive on the Backend.

*LANGUAGES, FRAMEWORKS, DATABASES, AND WEB SERVERS*

**Proficient Languages**: (Python, SQL, JavaScript, HTML, CSS)

**Proficient Framework**: (Django, Django Rest *Framework, Express, Nodejs, Bootstrap, jQuery,* Google *Materialize, React.js)*

**Proficient Databases**: (PostgreSQL, *MySQL, SQLite, MongoDB, Microsoft SQL*)

**Proficient Web Servers (**Nginx, Windows IIS, Gunicorn, Apache**)**

**Proficient Containers** (Docker)

*CLOUD PLATFORMS*

| | | |
|---|---|---|
| i. | Heroku | ii. Digital Ocean |
| iii. | AWS | iv. PythonAnywhere |
| v. | Cloudinary | vi. SendGrid, Twilio |
| vii. | Paystack | viii. Thetella |

## PROFESSIONAL EXPERIENCE

*ROCK CITY HOTEL, KWAHU-NKWATIA - NOVEMBER. 2020 – CURRENT*

**ROLE**: IT Officer (BUSINESS APPLICATIONS AND SYSTEMS SUPPORT)

    **Key Responsibilities:**

i.  Leads the systems and IT support team for my current company

ii.  Make sure the servers are always updated with the latest security features and necessary patches implemented

iii.  Management of Windows Active Directory, File Server, Application servers, Database Servers, etc.

iv.  Assisted end users in the resolution of their software and hardware issues

v.  Organizing Training for staff on how to efficiently use the various software used to run the hotel (Omega, Sage 300, Opera, Simphony, Payroll System, and Help Desk)

vi.  Organizing workshops for new staff to be enrolled in the systems

vii. Keep and report feedback data, issues, etc. to superior on completed training)

vii. Managed daily admin server functions such as recovery, backup, and upgrades

x. Identified and implemented prompt solutions to root causes of technical errors

xii. Liaising with the various software vendors to resolve issues when the need be. Softcodes (sage 300), Vanhessen.be (Opera, Simphony, Materials control), Omega (Vertex)

xiii. Monitoring daily performance of servers and multiple Softwares.

## *Achievements & Experiences:*

i. Added to my proficiency in conducting Remote Support and Troubleshooting.

ii. Gained an understanding of how new staff understands our systems (software) in contrast to systems they are already used to.
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## *Junior Software Implementation Consultant*

### *Sage 300*                                                                                    *October 2021*

i.   Conduct status checks with vendors and team to assess progress against plan; perform re-forecast of project variables as necessary

ii.  Act as liaison between company and client; able to coordinate internal and vendor technical teams

### *Opera, Simphony, Material Control*                                   *February 2022*

i.   Ensured the completeness and accuracy of documentation required for the company to "go live"

ii.  Escalated technical issues immediately following departmental guidelines and followed up regularly with vendors and internal resources to expedite issue resolution

iii. Estimate time frames, quality, and quantity of resources required to successfully implement the project.

iv.  Participated in all phases of application designing and development lifecycle.

## PROFESSIONAL EXPERIENCE

*NADMO ADA WEST DISTRICT ASSEMBLY.*

**ROLE**: IT ASSISTANT (National Service)
   *Key Responsibilities:*
   *i. Ensure connectivity of Local Area Network (LAN) and Wide Area Network (WLAN)*
   *ii. Assisted in preparing technical specifications for the procurement of IT      items*
   *iii. Help desk support for users, e.g., Printer issues, booting issues, networking support, software malfunctioning, etc.*
   *iv. Assist operating office Equipment; Photocopier, Comb Binder, Laminator, etc.*

   *Achievements & Experiences:*
   *i. Played a role in the collation of quarterly data from various zones to submit to head office in Accra.*

   *ii. Quickly learned and took to Clerical Duties; Data entry, Printer operations, Comb Binding, Laminations, Certificate Editing, and Printing.*

   *iii.* Assisted in the reproduction of various training materials for the various zones.

## WEBSITES, PORTFOLIOS, PROFILES

*LinkedIn*
https://www.linkedin.com/in/emmanuel-aggrey-133233137

*GitHub*
https://github.com/Emmanuel-Aggrey

## REFERENCES

Mr. Daniel Owusu Ronand
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Rock City Hotel Ghana
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Mr. Alfred Anan
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Ada West District Assembly
National Disaster Management Organization (NADMO)
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