

Agyeman-Gyebi Kweku Amoah

WEB DEVELOPER

+233-55-282-3734 / +233-20-308-7184  kaagyebi@gmail.com  <https://github.com/kaagyebi>

SUMMARY

Motivated and detail-oriented web developer with hands-on experience building and deploying RESTful APIs using Express.js and MongoDB. Delivered multiple backend services—including weather, events, library, and ads management systems—deploying to live environments using Render. Skilled in writing scalable, secure backend logic and integrating user authentication with JWT.

PROFESSIONAL EXPERIENCE

Jun 2024- Jul 2024

MEHKOHC PAM LLC

Data Analyst

Forecasted electricity imports, exports, production, and consumption for 15 West African countries from 2022-2032, using historical data (2014-2021) and Excel's LINEST function for regression analysis. I cleaned and organized large datasets, generating insights that supported energy security, infrastructure planning, and policy formulation. My analysis highlighted key electricity exporters like Ghana and Ivory Coast, and import-dependent countries such as Niger and Burkina Faso, aiding strategic decisions in the energy sector

PROJECTS

Weather API

- Built REST API to serve real-time weather data via city-based endpoints
- Implemented third-party API integration for accurate weather information

Library Management API

- Created APIs to manage book records with relations to authors and genres
- JWT-protected admin operations (add/edit/delete books)
- Designed with clean controller-based architecture

Event Management API

- Developed full CRUD operations for event listings
- Included filters, pagination, and middleware-based input validation
- Integrated JWT authentication for protected route access

Ads Management API

- Built ad listing endpoints with status toggles and admin controls
- Render-deployed backend with GitHub-based CI workflow
- Tailwind CSS used to create a basic admin front-end interface

EDUCATION & CERTIFICATIONS

Bachelor's of Business Administration

Major: Accounting
Kwame Nkrumah University of Science and Technology (KNUST)

Google Data Analytics Certificate

Coursera

Web Development Fundamentals

IBM SkillsBuild

RELEVANT SKILLS

Languages: HTML, CSS, JavaScript
Frameworks & Libraries: Express.js, Tailwind CSS, Mongoose

Databases: MongoDB

Auth & Security: JWT (JSON Web Token)
Tools & Platforms: Git, Render, Postman

Concepts: RESTful API Design, CRUD Operations, Authentication & Authorization