**Kwabena Sarkodieh**

Full Stack Developer / Database Developer

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**TECHNICAL SKILLS**

**Front End**| HTML5, CSS3, Sass, Bootstrap, Visual Basic

**Back End**| MySQL, PHP

**Database**| SQL Server, Data Visualization, Data Modeling, Database Design, RDBMS Tuning

**PROJECTS**

**Full Stack Project**| Home-Gym-EQ

*An e-commerce website*PHP | MySQL | JavaScript

* Developed front-end skeleton using HTML and CSS, also used JavaScript to make final UI changes to increase its responsiveness
* Utilized PhpMyAdmin to create database allowing each user to create an account, login, and allow site visitors access a database search. All passwords are encrypted
* Established a seamless connection between the Front and Back end on the website using PHP
* Implemented cookies in the site using JavaScript to improve its user convenience (remembering information in forms)
* Integrated a REST API (tawk.to) to automate FAQ and collect user data for analysis
* Also added a Google reCAPTCHA to the forms to prevent spam attacks
* **Github:**[Readme](https://github.com/KwabenaSark/Home-Gym-Website/tree/main)

**Database Project**| AMC Theatre Database

*Database design, development and analysis of a movie theatre company*  MySQL | MySQL workbench | WampServer | Draw IO | Tableau

* Identified company transactions and data requirements
* Developed an ER MODEL and a DATA DICTIONARY with various attributes and appropriate keys
* Created a database for the company using MySQL
* Population of the created database
* Reduced query times to database by using aggregator functions and indexing foreign keys
* Used a data visualization tool (Tableau) to make analysis of data in the database
* Wrote sub queries and joins for complex queries involving multiple tables
* **Github:**[Readme](https://github.com/KwabenaSark/AMC-theatre-database--MySql)

**Front-End Project** | Vintage Rally

*Vintage car rally landing page*HTML | CSS | JavaScript |

* Architected the front-end using HTML and CSS, and JavaScript for improved responsiveness
* W3C validation for HTML, CSS and Accessibility
* Achieved a high Google Lighthouse SEO score
* **Github:** [Readme](https://github.com/KwabenaSark/Car-website)

**Database Project**| Virgin Atlantic Airlines

*Database design and development of an airline company* MySQL | WampServer | Draw IO

* Evaluation of business requirements and Transactions
* ER Diagram and data dictionary
* Normalization
* Designed Database tables
* **Github:**[Readme](https://github.com/KwabenaSark/Virgin-Atlantic-Database)

**EDUCATION**

**NCC Advanced Diploma in Business Information and Technology**  - ongoing   1st semester

**NCC Diploma in Business Information and Technology**   - awaiting certificate

**NCC Diploma in Computing**