Nathaniel Afrifah-Adae

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Professional Summary

As a former mechanical engineer, now transitioning to software development, I am more than ready to contribute to success. In this ever-changing industry of new technologies and frameworks, I refuse to be left behind so I've kept busy creating my portfolio. My love for football makes it easy to understand collaboration and succeeding in smaller roles as part of a bigger project. With experience in Concessions, I have demonstrated leadership achieving outstanding results. Looking to begin work with no notice period in a developer or engineer role, open to remote or hybrid working.

Technical Skills

Programming Languages: **JavaScript (React.js / jQuery / Node.js), Python, SQL**

Coding Languages: **HTML, CSS**

DevOps Technologies: **GitHub, API, PowerBI**

Other: **Visual Studio, Netlify, CodeSandbox, Figma, Canva**

Technical Projects

Personal portfolio

- Responsive across devices improving **user experience** with **React** & **advanced JavaScript (ES6+)**
- **Canva** used to layout & present projects
- Built with **HTML5**, styled with **CSS3**
- Open-source code found on **GitHub**, uploaded via **Netlify**

Weather application

- Interactive weather application built with **HTML5**, **CSS3** and **JavaScript (jQuery)**
- Weather **API integration** to allow accurate, up to date results
- Users receive precise results with search engine (**user experience**)
- Open-source code found on **GitHub**

Football database

- Collection of footballers who have won the Ballon D'or award (personal interest)
- **CRUD functions** written in **Python**, allowing maintenance of the **backend**
- Presented with **MySQL**, displaying proficiency with **relational databases**

Experience

Software Developer Trainee, Just IT   **2023**

- Confident **Full Stack** developer, with proficiency in both front-end and back-end web development
- Excelled brightly as I earned a **Level 3 Certification in Software Development** after completing intensive programme
- Sharpened front-end skills with daily use of **HTML5**, **CSS3**, **JavaScript**
- Confidence to explore **React.js** for further growth in building **user interfaces**
- Combined **Python & SQL** to interact between **databases**
- Demonstrated attention-to-detail using **Figma** to produce modern **UI** and efficient **UX**
- Experience collaborating on open-source code projects**,** and **Version Control** with **Git/GitHub**

Customer Service Manager, Ladbrokes Coral Group Ltd   **2022 - 2023**

- Mastered applications such as Omnia, responsible for an outstanding 43% faster runtime for customers
- Enforced Safer Gambling for protection of clients and customers
- Worked with software tools such as **PowerBI** for data analysis
- Upheld overall maintenance of FOBT operating systems (gaming machines)

Part-time Concessions Waiter, Wembley Stadium   **2018 - 2022**

- Led team of concession staff to achieve a Top 2 finish in Shop of the Year at Wembley Stadium, voted by season-ticket holders
- Calm in high pressure atmospheres such as *EURO 2020 FINAL* and *FA CUP FINAL 2018*
- Provided high quality service whilst upkeeping employee relations

<u>Education</u>

Level 3 Software Development, Just IT   **2023**

- Fundamentals of computer science and programming
- Experience in full-stack web development, both front-end and back-end aspects
- Knowledge of the importance of linking software to databases
- Understood main phases of software development lifecycle (SDLC) & methodologies

Mechanical Engineering + Applied Science, Aston University   **2020 - 2021**

- Demonstrated principles of engineering and the power of collaboration
- Worked on group projects including building a wooden go-kart, taking into account force, stress, material properties and aerodynamics

GCSE & A-Level, Holy Family Catholic School   **2012 - 2020**

- 10/10 A*-C GCSE inc. English (8), Maths (7), Physics (A) & Chemistry (A)
- 3 A*-D A Level in Maths, Physics and Psychology