**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](https://nathaniel-afrifah-adae.netlify.app/). 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 (Just IT final project)

* 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 earneda **Level 3 Certification in Software Development** after completing intensive bootcamp
* 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 onopen-source codeprojects**,** and **Version Control** with **Git/GitHub**

**IT Technician, Ladbrokes Coral Group Ltd 2022 - 2023**

* Serviced applications such as Omnia, responsible for an outstanding 43% faster runtime for colleagues & clients
* Diagnosed and debugged network security issues
* Worked with software tools like **PowerBI** to reinforce data protection
* 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

**Education**

**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