**Best Iko-Ojo Abalaka**

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**PERSONAL PROFILE**

A highly motivated third-year Software Engineering student at Edinburgh Napier University, passionate about developing innovative software solutions. Good foundation in programming languages such as Python, Java, and C++, combined with practical experience gained through coursework and personal projects. Seeking a placement opportunity to further develop technical skills, contribute to real-world projects, and gain industry experience in software development, while bringing a fresh perspective to your team.

**PROJECTS**

**BATTLESHIP GAME (PYTHON) – UNIVERSITY PROJECT**

April 2025

Developed a terminal – based Battleship game using python with:

* Local Multiplayer and AI opponent with different game level (Easy, medium and Hard).
* 20 x 20 grid. Validated ship placement.
* Missile types: Regular (single cell) and Quad (Entire row/column).
* Undo function, game timer and score tracking.

Focused on Modularity, user experience and algorithmic logic.

**MILKSHAKE BUSINESS WEBSITE – COLLEGE PROJECT**

August 2023

* Built a responsive website using HTML, CSS and JavaScript.
* Integrated contact forms and GitHub repository links.
* Deployed on GitHub pages to demonstrate frontend design skills.

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**WORK EXPERIENCE**

**Aberdeen Football Club** – *Aberdeen*

*Trading Assistant* 09/2021­-09/2022

* Effectively communicated with cross-functional teams and management to ensure smooth operations, which translates into strong collaboration skills needed for tech teams.
* Adapted quickly to new in-house software and systems, showcasing my ability to learn and apply new technologies, useful in a fast-evolving tech environment.

**SAINSBURY’S LOCAL –** *Aberdeen 10/2022 – present*

**Trading Assistant**

* Provided excellent customer service by resolving customer inquiries and ensuring smooth transactions, improving user experience—skills relevant to understanding user needs in software development.
* Gained experience in using digital point-of-sale (POS) systems, understanding how front-end and back-end systems interact to manage data such as stock levels and sales.

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**EDUCATION**

**Edinburgh Napier University – BEng (Hons) Software Engineering**

**Sept 2024 – Present**

Key Modules:

* Software Development & Design (Java, Python, OOP principles)
* Web Technologies (HTML, CSS, JavaScript, Web frameworks)
* Data Structures and Algorithms
* Databases (SQL, NoSQL)
* Software Engineering Method (Agile methodology, Git)

**NESCOL**- HNC Software Development – August 2023- August 2024

Key Modules:

* Cyber Security
* Artificial intelligence
* Software development (Java, Python, OOP principles)
* Network Infrastructure

**HARLAW ACADEMY** – Aberdeen

Scottish Highers – Computing, English, Maths - June 2022

**PROFESSIONAL SKILLS**

* Programming Languages: Java, Python, C++, JavaScript
* Web Development: HTML5, CSS, JavaScript, React (basic knowledge)
* Databases: MySQL
* Version Control: Git, GitHub
* Tools & Frameworks: Visual Studio Code, IntelliJ, Node.js (basic)

**VOLUNTEERING & LEADERSHIP**

**British Heart Foundation**- *Aberdeen* 06/2021

**Cardiovascular Research Charity**

* Helped customers who visited the store with whatever help they needed.
* Helped in moving in and taking out furniture’s that were donated to the organisation.

**Vice President** for Student Association for Climate Change (02/2022 – PRESENT)

**AWARDS AND HONORS**

**Best Outstanding Report on Sickle cell Disease** – *Nigeria*  06/2018

* Wrote a detailed essay on Sickle cell, its effects and how people who suffer from if can get help and understand what they struggle with.

**IDEA Sliver Award** - *Aberdeen* 09/2020

* Completed 10 or more courses on coding with an outstanding performance and was rewarded with silver certification certificate.

**HNC Software Development** – North East Scotland College (NESCOL) 09/ 2024

* Achieved a certificate of completion with merit in various software development modules, solidifying foundational technical skills.