

Oluwatobi Wojuade

Junior Software Engineer

wojuadeoluwatobi@gmail.com | [+44 7575740613](tel:+447575740613) | [LinkedIn](#) | [GitHub](#) | United Kingdom

PROFILE

An ambitious and innovative Computer Science student with a passion for software development, algorithm design, and building impactful technology solutions. Skilled in Python, JavaScript, and C++ with hands-on experience in designing and developing applications, games, and dynamic websites.

EDUCATION

Coleg Y Cymoedd Nantgarw, Cardiff

BTEC Level 3 Extended Diploma in Computer Science and IT | *September 2023 – Present*

- Gained proficiency in **programming, database management, and web development.**
- Developed software engineering fundamentals such as problem decomposition, algorithm design, and debugging.
- **Key Units:** Programming, Website Development, Computer Game Development, and Information Technology Systems.

Grades

Unit 1 - Information Technology Systems - Pass (Achieved)

Unit 2 - Creating Systems to Manage Information - Merit (Achieved)

Unit 3 - Using Social Media in Business - Pass (Achieved)

Unit 4 - Programming - Distinction (Achieved)

Unit 6 - Web Development - Distinction (Achieved)

Unit 8 - Computer Games Development - Pass (Achieved)

Unit 5 - Data Modelling - Distinction - (Predicted)

Unit 9 - IT Project Management - Distinction - (Predicted)

Unit 11 - Cyber Security and Incident Management - Merit - (Predicted)

Unit 13 - Software testing - Distinction - (Predicted)

Unit 14 - IT Service Delivery - Merit - (Predicted)

Unit 17 - Digital 2D and 3D Graphics - Distinction - (Predicted)

Unit 19 - The Internet of Things - Distinction - (Predicted)

Hawthorn High School, Pontypridd

GCSE (Secondary School Certificate) | May 2022 – June 2023

Grades

GCSE (Achieved)

Mathematics – B

Computer Science – B

Digital Technology – C

English – C

Science – BC

Physical Education - C

Deeper Life High School, Kaduna

BECE (Junior Secondary School Certificate) | September 2018 – April 2021

PROJECTS

1. Inventory Management Application (Python)

- Designed a user-friendly inventory management application for small businesses.
- Implemented core functionalities like data storage using SQLite, user authentication, and automated reporting.
- Showcased proficiency in object-oriented programming and application logic design.

2. Personal Portfolio Website (JavaScript, HTML, CSS)

- Developed a responsive portfolio website to highlight technical skills and projects.
- Integrated dynamic features such as an interactive contact form and animations using JavaScript.
- Hosted on GitHub Pages, enhancing skills in deployment and web hosting.

3. Classic Snake Game (C++)

- Built a console-based snake game to practice game logic and object-oriented programming.
- Implemented features such as scoring, increasing difficulty, and real-time user input handling.

- Gained hands-on experience with memory management and debugging in C++.

4. Task Management System (Python)

- Built a CLI-based task management tool that allows users to create, update, and delete tasks.
 - Integrated Python's file handling capabilities for persistent task storage.
 - Focused on modular coding and efficient input/output handling.
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TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C++, HTML, CSS
 - **Software Development:** Algorithm design, problem-solving, and debugging
 - **Web Development:** Responsive design, interactive features, and web hosting
 - **Tools & Platforms:** Visual Studio Code, Git, PyCharm, Unity, and GitHub
 - **Database Management:** Basic experience with SQL databases (SQLite, MySQL)
 - **Version Control:** Proficient with Git/GitHub for collaborative development
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CERTIFICATIONS

- **Elements of AI** – *University of Helsinki*
 - **Introduction to CRM (Customer Relationship Management)** – *HubSpot*
 - **Retail Management Strategies** – *University of Pennsylvania, Coursera*
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LEADERSHIP & ACTIVITIES

- **Assistant Class Captain & Room Head** – *Deeper Life High School (2018 – 2019)*
 - Managed peer collaboration, task delegation, and performance improvement.
 - Coordinated academic group activities and led discussions on technical subjects.
- **Home Economics Club Member** – Actively promoted wellness initiatives.

HOBBIES

- Chess, Football and Basketball

REFERENCES

Available upon request