

Giles Mwa

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[LinkedIn](#) | [GitHub](#)

Personal Profile

BSc (Hons) Computer Science graduate with a strong academic foundation and hands-on experience in blockchain, secure systems, and software development. I am known for leadership, adaptability, and a drive to learn quickly. Now seeking a junior developer or tech consultancy role where I can apply my technical knowledge, problem-solving mindset, and customer-facing experience to real-world projects.

Technical Skills

Languages: Python, Java, JavaScript, C++, Dart, Solidity

Frameworks/Tools: React, Flutter, Node.js, Express, MongoDB, Firebase, Hardhat, Git, Docker, VS Code

Concepts: Object-Oriented Programming (OOP), RESTful APIs, Blockchain, Smart Contracts, Web3, Data Structures & Algorithms

Other Skills: Leadership, Teamwork, Critical Thinking, Adaptability, Problem Solving.

Key Projects

Secure File Sharing Dapp

Designed and implemented a decentralized file-sharing platform using Ethereum smart contracts (Solidity), Hardhat, and IPFS. Developed token-based access control and built frontend with React connecting to backend APIs with Node.js.

AI Chatbot with Image Classifier

Developed a football-themed chatbot that identifies club logos and player faces using CNNs in Python. Integrated with a web UI and trained the model using a custom image dataset.

Authentication App

Created a Flutter-based app generating time-based authentication tokens for secure physical hardware access. Integrated real-time expiry and scanning logic with Firebase backend and Dart.

Client Server Communication with Cryptographic Encryption

Implemented secure communication using RSA encryption and key management systems for client-server interactions.

Education

Nottingham Trent University

BSc (Hons) Computer Science — Achieved Second Class Honours (Oct 2024 – July 2025)

University of Leicester

Diploma of Higher Education in Computer Science (Sep 2021 – Jun 2024)

Highlands School, Enfield

A-Levels: Mathematics (A), Further Mathematics (B), Physics (B) (2019–2021)

St. Mary's C of E High School, Cheshunt

11 GCSEs 9–6 incl. Computer Science, Maths, English, Science (2014–2019)

Experience

Retail Team Leader – Nottingham Forest Football Club (Oct 2024 – Present)

- Supervised match-day catering staff, maintained high morale and efficiency
- Managed stock, inventory, and ensured food safety compliance

Catering & Events Staff – Constellation (Oct 2021 – Present)

- Served VIP guests at top stadiums; trained junior staff; enforced food safety and alcohol regulations

Brand Ambassador – Montana & Meraki Organisation (Jan – Sep 2022)

- Represent multiple food brands in person, onboarding clientele and building rapport.

Technical Work Experience

Engineering Intern – SPIE UK (Feb 2018)

- Assisted in debugging a building maintenance algorithm for schools all across the UK.
- Praised for quick learning and teamwork during software collaboration

Sound Engineer – St Peters and St Martic CofE Church

Extracurricular Activities

Basketball (2014 – 2021)

- Captain, Sixth Form Team; Player's Player Award

Performing Arts (2007 – 2019)

- Performed in theatres incl. 2012 tour of South Pacific; trained in singing, dance, acting

St John's Ambulance (2009 – 2019)

References

Available on request.