

Timothy-Joseph Godwin

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github.com/Tee-UX19

Education

- University of Birmingham**, M.Eng Computer Science with Software Engineering 2023 – Present
- Expected First Class Honours, Year 1 Average: 72%
 - Coursework:** Full Stack App Development, Object Oriented Programming, Data Structures, Software Engineering and Professional Practices, Functional Programming, Artificial Intelligence
- Kaplan International College**, Foundation Certificate in Science and Engineering 2023
- Mathematics: 90%, Information Technology: 88%, Extended Project: 72%

Technical Skills

Programming Languages: C, Python, Java, JavaScript, TypeScript, Haskell, PowerShell

Web Technologies: React, Angular, Spring Boot, HTML/CSS, Bootstrap, Express.js

Databases: PostgreSQL

Tools & Platforms: Git, GitHub, GitLab, Docker, Azure, VS Code, WSL, JHipster, Vercel

Development Practices: CI/CD, Version Control, Agile Methodologies, Test-Driven Development

Experience

- Medical File Clerk**, Obioma Specialist Hospital – Awka, Nigeria Sept 2022 – Nov 2022
- Managed efficient retrieval and organization of patient medical records in high-volume healthcare environment
 - Digitized over 100 paper medical records using Microsoft Excel, improving data accessibility and storage
 - Maintained accurate patient file indexes and resolved filing discrepancies while ensuring compliance
- Head Boy (Student Leadership Role)**, British Spring College – Awka, Nigeria Oct 2021 – Aug 2022
- Led team of 21 prefects in collaborative school management and student welfare initiatives
 - Coordinated and executed over 15 school activities and events, demonstrating project management skills
 - Delivered presentations and announcements to audiences of 600+ students at assemblies and school events

Projects

- Grocery Shopping App** github.com/Tee-UX19
- Developed shared grocery shopping application using React and Bootstrap frontend with Express.js backend
 - Implemented RESTful API design and responsive user interface for cross-platform compatibility
 - Utilized GitHub Actions for automated CI/CD pipeline and deployment workflows
- Campus Events Web Application** github.com/Tee-UX19
- Collaborated with team to build event management platform using JHipster, Spring Boot, Angular, and PostgreSQL
 - Developed user authentication system and event browsing functionality for university students
 - Deployed application using Azure cloud services with Docker containerization
- Network Firewall Program** github.com/Tee-UX19
- Built firewall application in C using networking and multithreading libraries
 - Implemented rule-based connection filtering system for IP addresses and port ranges
 - Applied advanced systems programming concepts for network security applications

Additional Information

Languages: English (Native), Igbo (Conversational), Spanish (Basic)

Professional Development: Self-directed learning through The Odin Project web development curriculum

Achievements: Silver medallist in state-level Physics and Mathematics Olympiads; Top 3 graduating student

Interests: Football, Singing, Language Learning, Web Development