

# Timothy-Joseph Godwin

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## Education

<b>University of Birmingham</b> , M.Eng Computer Science with Software Engineering	2023 – Present
<ul style="list-style-type: none"><li>Expected First Class Honours, Year 1 Average: 72%</li><li><b>Coursework:</b> Full Stack App Development, Object Oriented Programming, Data Structures, Software Engineering and Professional Practices, Functional Programming, Artificial Intelligence</li></ul>	
<b>Kaplan International College</b> , Foundation Certificate in Science and Engineering	2023
<ul style="list-style-type: none"><li>Mathematics: 90%, Information Technology: 88%, Extended Project: 72%</li></ul>	

## 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

## Projects

<b>Grocery Shopping App</b>	<a href="https://github.com/Tee-UX19">github.com/Tee-UX19</a>
<ul style="list-style-type: none"><li>Developed shared grocery shopping application using React and Bootstrap frontend with Express.js backend</li><li>Implemented RESTful API design and responsive user interface for cross-platform compatibility</li><li>Utilized GitHub Actions for automated CI/CD pipeline and deployment workflows</li></ul>	
<b>Campus Events Web Application</b>	<a href="https://github.com/Tee-UX19">github.com/Tee-UX19</a>
<ul style="list-style-type: none"><li>Collaborated with team to build event management platform using JHipster, Spring Boot, Angular, and PostgreSQL</li><li>Developed user authentication system and event browsing functionality for university students</li><li>Deployed application using Azure cloud services with Docker containerization</li></ul>	
<b>Network Firewall Program</b>	2024
<ul style="list-style-type: none"><li>Built firewall application in C using networking and multithreading libraries</li><li>Implemented rule-based connection filtering system for IP addresses and port ranges</li><li>Applied advanced systems programming concepts for network security applications</li></ul>	

## Experience

<b>Medical File Clerk</b> , Obioma Specialist Hospital – Awka, Nigeria	Sept 2022 – Nov 2022
<ul style="list-style-type: none"><li>Managed efficient retrieval and organization of patient medical records in high-volume healthcare environment</li><li>Digitized over 100 paper medical records using Microsoft Excel, improving data accessibility and storage</li><li>Maintained accurate patient file indexes and resolved filing discrepancies while ensuring compliance</li></ul>	
<b>Head Boy (Student Leadership Role)</b> , British Spring College – Awka, Nigeria	Oct 2021 – Aug 2022
<ul style="list-style-type: none"><li>Led team of 21 prefects in collaborative school management and student welfare initiatives</li><li>Coordinated and executed over 15 school activities and events, demonstrating project management skills</li><li>Delivered presentations and announcements to audiences of 600+ students at assemblies and school events</li></ul>	