

Chisom Kalu

Junior Software Developer · Open to Placements & Graduate Roles

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[AVAILABLE – Summer 2025 onwards]

ABOUT ME

Ambitious CS student at Northumbria University with real-world experience shipping PHP REST APIs, building automation tools, and running a multi-brand tech business. I combine academic rigour with hands-on delivery — I don't just study software, I build it. Seeking a placement or junior role where I can contribute from day one.

PROJECTS

PHP REST API — Conference Management System

KV5035 Software Architecture · Northumbria University · 2025

- ▶ Built a full CRUD REST API in PHP with dynamic search, pagination (LIMIT/OFFSET) and relational MySQL queries.
- ▶ Designed endpoints for presentations, authors, affiliations and type filtering — joining 5 tables with GROUP_CONCAT aggregation.
- ▶ Implemented WHERE 1=1 dynamic filter chaining and parameterised queries to prevent SQL injection.
- ▶ Hosted on nuwebspace; documented with endpoint references and sample responses.

Metro Train Live Display App

Web Development Module · Northumbria University · 2024

- ▶ Consumed a live transport API to display real-time arrivals, departures and platform data.
- ▶ Built responsive front-end with HTML/CSS/JS; handled async fetch, error states and data refresh.

AI Usage Framework — Coffee Design Ltd

Team Awesome Sauce · Consultancy Project (Report Lead) · 2025

- ▶ Led report writing for a responsible AI framework delivered to a real Newcastle-based creative agency.
- ▶ Synthesised research on AI ethics, tool selection and adoption roadmaps into a professional client brief.

Balancewise Ltd — Multi-Brand Business Group

Founder · Balancewise Clothing / Logistics / IT · 2023 – Present

- ▶ Architected email and domain infrastructure across 3 brands using Zoho Mail and DNS management.
- ▶ Set up Microsoft Entra ID home lab; exploring ROS 2 robotics and automation on Mac Mini.
- ▶ Demonstrates real-world initiative in cloud identity, infrastructure and product delivery.

EXPERIENCE

Security Officer

Argenbright Security Europe (ASEL) · Apr 2024 – Oct 2025

- ▶ Recovered assets exceeding £10,000 through CCTV analysis and investigative reporting.
- ▶ Deployed across high-value retail sites — Tesco, Lidl, Aldi, Amazon.

Lead Representative (International) — Engineering & Environment

Northumbria Students' Union · Jul 2024 – Jun 2025

- ▶ Represented international students to faculty and senior management; drove policy improvements.

TECH STACK

Backend

- PHP
- MySQL
- REST APIs
- Python

Frontend

- HTML5
- CSS3
- JavaScript

Tools

- Git / GitHub
- VS Code
- Linux / Bash

Cloud & Infra

- Microsoft Azure
- Entra ID
- Zoho DNS

Learning

- ROS 2
- Node.js
- Docker

CERTIFICATIONS

- Azure AI Fundamentals Microsoft
- SIA Licence Verified
- HL3 First Aid at Work Highfield
- Mental Health First Aid MHFA England
- Level 2 Food Safety Highfield

STRENGTHS

- Fast learner
- Self-starter
- Attention to detail
- Team leadership
- Written communication
- Problem solving
- Business mindset

LANGUAGES

- English Fluent
- Igbo Native

IT Technician & Graphic Designer

FreshCare Systems Limited • Dec 2020 – Feb 2022

- ▶ Delivered IT support, hardware maintenance and graphic design for a technology-focused firm.

EDUCATION

BSc (Hons) Computer Science — Level 5

Northumbria University • Oct 2023 – Jun 2026 (expected)

- ▶ Key modules: Software Architecture (KV5035), Web Development, Data Systems, Algorithms.
- ▶ Final-year options: Robotics, Machine Learning, Cloud Computing.
- ▶ Report Lead on real-client AI consultancy project; Student Union International Representative.

International Foundation Programme in Computing

Northumbria University • Sep 2022 – Jun 2023