

NKEIRUKA WHENU

SOFTWARE ENGINEER

SUMMARY

A resilient and adaptable Full-stack Software Engineer with a strong aptitude for leadership and problem solving. Passionate about full-stack development, open-source development and emerging technologies.

Thrives on challenges and creating innovative and user-centric solutions with a keen interest in cybersecurity and cloud development. Excellent written and verbal communication skills ensuring successful project outcomes.

WORK EXPERIENCE

Canonical, London — *Software Engineer*

April 2024 - Present

- Designed and implemented reusable components and UI patterns in the React Components library, ensuring consistency and scalability across web applications.
- Enhanced features for managing containers and VMs in Canonical's browser-based LXD interface and other product repositories.
- Delivered features, issues and bug fixes, improving performance and accessibility for cloud and containerisation products.

Code First Girls, London — *Web / Data Science / JavaScript Instructor*

Jan 2023 – August 2024

- Successfully completed the CFG Instructor Academy in 6 months.
- Conducted weekly classes to 45+ students, on the fundamentals of MySQL, Node.js ES6, HTML5 and Responsive Web Design.
- Motivated about promoting diversity in tech and driving positive change through effective teaching, empowerment, and mentoring.

We are the News, London — *Blockchain Advisor*

Sept 2022 - Oct 2022

- Presented educational sessions on Blockchain and Web3 technologies, cryptocurrencies, and tokens.
- Advised and suggested future implementations of Web3 technologies to their existing ecosystem.
- Demonstrated practical application by creating and minting a Non-Fungible Token (NFT), showcasing potential use cases.
- Educated on Blockchain technologies such as Rust, Solidity and Polkadot.

Publicis Sapient, London, Farringdon — *Software Engineer Intern*

Jul 2022 – Sep 2022

- Designed, engineered, and implemented a recycling Android and iOS application for Unilever, contributing to environmental sustainability in 5 weeks.
- Utilized React Native, Node.js, and PostgreSQL to develop a cross-platform solution.
- Engaged in leadership and soft skills training, demonstrating commitment to personal and professional growth.

CONTACT

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CEO and Founder of Emerging Technology Ed-tech startup, Web3sy.

- [Linkedin.com/NkeirukaWhenu](https://www.linkedin.com/company/nkeirukawhenu/)
- [Github.com/Kxiru](https://github.com/Kxiru)
- [Nkeiruka.com](https://nkeiruka.com)
- [Web3sy.com](https://web3sy.com)

London, England

SKILLS

Professional

- Leadership and training
- Creativity
- Communication Skills
- Agile & Scrum Methodologies

Technical

- React, React Native, Redux
- HTML5, CSS3, JavaScript
- Junit, Jest Testing frameworks
- Git, SVN
- TypeScript, NoSQL, SQL

PROFESSIONAL DEVELOPMENT

AWS Cloud Practitioner

Amazon Web Services
2022

MongoDB Associate Developer

MongoDB
2022

Full-Stack Development

Bootcamp

Coding Black Females
2023

- Developed DevOps skillset using technologies such as Docker, Kubernetes and Microservices.

Cisco Systems, Feltham — *Software Engineer Intern*

Jun 2021 – Jul 2022

- Implemented valuable front-end features to large-scale repositories, enhancing internal services with technologies such as Redux.
- Gained proficiency in various front-end, back-end and CI/CD technologies, including React.js, Jest, Log4J, Jenkins, Postman, and Charles Proxy.
- Spearheaded the first CBP UKI Summit event within the Cisco Black Professionals Network, showcasing leadership and Project Management capabilities.

Linux Camps, Boston, MA, USA — *Coding Counsellor and Tech Specialist*

Jun 2019 – Sept 2019

- Taught fundamental web development skills, laying the foundation for classes of 15 – 20 young developers internationally.
- Maintained server and network infrastructure, ensuring smooth operations and system reliability using XAMPP, PHP and MySQL.
- Tutored and mentored students in other technologies from Python and JavaScript to AI, ML, Web development and Game development, with different education partners (Code Camp, FireTech Camps, demonstrating management and organisational skills.

EDUCATION

Royal Holloway University of London, Egham — *BSc Computer Science with Software Engineering*

Sept 2019 – July 2023

Dissertation: "A Study of Human Computer Interaction: Exploring the Nexus between UI/UX and Cognitive Psychology."

University of York, York — *MSc Computer Science with Cyber Security*

Sept 2024 – July 2026

PROJECTS

Web3sy — www.web3sy.com

An online e-learning platform dedicated to teaching young professionals and tech enthusiasts about emerging technologies such as Web3, Blockchain, AI and Quantum Computing.

Github — www.github.com/kxiru

A range of Android and Web applications and projects, including ISBScan and Qloq, an ISBN-Scanning mobile library and a WearOS watch pet simulation game, respectively.

Nytwalker — nkeiruka.com

An RPG Horror game developed in Unity using C#. Previously a visual novel developed using RenPy and Python.

LANGUAGES

- English, Fluent
- French, Intermediate
- Japanese, basic proficiency

CERTIFICATIONS

- Cisco x BGIT Cybersecurity Certification
- Google UI/UX Design Certification
- Google Project Management Certification
- Meta Advanced React