Juliet Nkwor

Embedded System & IoT Engineer

Juliet Nkwor
Birmingham, UK

https://www.linkedin.com/in/juliet-nkwor,
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Skills

I build hands-on, industry-quality embedded and IoT systems using Arduino and ESP32 microcontrollers, Embedded C / C programming, electronics, and MQTT to bridge hardware and software.

Experience

Educational Engineering Academy / IoT & Embedded Systems Fellow

OCTOBER 2025 - PRESENT

Deepening expertise in embedded systems and IoT. Designed and prototyped industry-quality projects like smart fans and smart farms under the guidance of experienced mentors.

Coding Tutor & App Developer

DECEMBER 2023 - PRESENT, UK

Mentor children in coding using Scratch, Tinkercad, and Python. Developed mobile applications such as PlanIt and The Middleman for iOS and Android.

PM Global Technology / Reviewsolisitors/ Trafficspace - Software Engineer

JUNE 2015 - DECEMBER 2023, NIGERIA/UK/USA

Designed and maintained enterprise applications using Java and Spring Boot across three industries, alongside building cross-platform React Native mobile applications for production use.

Education

University of Birmingham / MSc Electronics and Computer Engineering

SEPTEMBER 2021 - SEPTEMBER 2022, UK

Gained hands-on experience in electronics, embedded systems, and C programming, with a strong focus on hardware–software integration and practical engineering applications.

Osun State University / Physics with Electronics

DECEMBER 2019 - AUGUST 2014, NIGERIA

Built a solid foundation in electronics and applied physics, developing core analytical and problem-solving skills that underpin my engineering work.

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Projects

Hands-on embedded, IoT, and software projects, including smart devices (Smart Fan, Smart Farm, Smart Energy Monitoring System) and mobile applications (PlanIt, Middleman) built to solve real-world problems.

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Awards & Certification

Electronics, Embedded Systems & IoT Certification - Educational Engineering Academy.