

MAXWELL WEDDERBURN

FULL STACK DEVELOPER

DETAILS

ADDRESS

Kingston
Jamaica

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LINKS

[Portfolio](#)

SKILLS

React

● ● ● ● ●

React Native

● ● ● ● ●

Next JS

● ● ● ● ●

Typescript

● ● ● ● ●

PostgreSQL

● ● ● ● ●

API development

● ● ● ● ●

Cloud Deployment &
DevOps

● ● ● ● ●

RESTful API Design &
Backend Architecture

● ● ● ● ●

IT Support

● ● ● ● ●

Adaptability

● ● ● ● ●

Communication Skills

● ● ● ● ●

Fast Learner

● ● ● ● ●

PROFILE

Full Stack Developer specializing in Next.js and React Native, with professional experience as a NOC Engineer and deep expertise in networking and infrastructure. I design and build scalable AI systems, backend architectures, and secure, high-performance APIs. Adept at bridging infrastructure and application layers, I combine strong technical execution with clear communication to deliver reliable, efficient, and impactful solutions.

EMPLOYMENT HISTORY

NOC Engineer, ICT Authority

Kingston

2024 — Present

As a NOC Engineer, I monitor and maintain data center operations to ensure uptime and performance, manage client communications and incident response, and verify successful completion of tape backups and critical systems processes.

Systems Engineer, Vertis Technology

Kingston

Feb 2023 — Nov 2023

As a Systems Engineer, I traveled to client sites to diagnose and resolve hardware, software, and network issues, ensuring minimal downtime. Consistently received strong client feedback for technical expertise, professionalism, and clear communication.

EDUCATION

Bsc, Vector Technology

Kingston

Feb 2023 — Present

Completing my BSc. in Information and Communication Technology.

ASc, Vector Technology

Kingston

Jul 2017 — Feb 2023

Completed my Asc in Computer Systems Technology.

High School Certificate, Wolmer's Boys' School

Kingston

Jul 2012 — Jul 2017

I was able to Achieve 10 CXC subjects across - Biology, Chemistry, Physics, Add Math, English, Mathematics, English Literature, Integrated Science, Human & Social Biology and IT.

YouTube Automation Platform

Developed a full-stack app using Next.js, TypeScript, Zod, and PostgreSQL that web scraped trending topics, generated video scripts via GPT, then automatically produced ready-to-publish YouTube videos.

Engineered Dynamic Story-to-Video System

Built on AI driven story telling by architecting a platform that generates characters, locations, and scenes based on chosen themes. Ensured the AI maintained character consistency by referencing relevant details (sometimes image based). Integrated ElevenLabs for voice synthesis and automated Adobe After Effects scripting to compile dialogue, assets, and audio into fully rendered videos.

WebSocket Communication

As a NOC engineer I Designed and deployed a WebSocket based real-time communication platform that connected internal departments directly to clients, replacing a legacy paper based tracking system. I also implemented several automations using VBA script to improve team efficiency compiling info from email.

Delivered Production Ready Sites

Designed and deployed multiple secure, high-performance websites tailored to diverse business needs. Implemented robust backend logic, authentication flows, and optimized frontend performance using modern full-stack tooling. Deployed to custom Linux VPS systems.

Developed Interactive AI Narrative Engine

Built a GPT-powered dynamic story platform featuring persistent world-building, infinite branching dialogue, and real-time character interaction. Engineered scalable backend APIs and database schemas to support interactive NPC conversations and evolving story states.