

# JOHN UWAISHE

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## Summary

Frontend-focused Software Engineer with experience building high-performance web applications and creator platforms using React, Angular, TypeScript, and modern JavaScript frameworks. I specialize in component-driven UI development, performance optimization, and scalable frontend architecture, with experience building products used by global creative communities and music creators.

## Core Skills

- **Frontend:** React, Angular, Vue, Svelte, Performance optimisation
- **Testing & quality:** Unit / Integration testing, TDD, Cypress
- **Databases:** PostgreSQL, SQL, MongoDB, Redis, Schema design, Java, Python, query optimisation
- **Backend:** Node, NestJS, REST APIs, Microservices, Event-driven architecture
- **Cloud & DevOps:** Google Cloud (GCP), AWS (EC2, S3, RDS, EB), Docker, GitHub Actions

## Professional Experience

### Full Stack Engineer – OffTop

Los Angeles | February 2024 – Present

- Built **high-performance UI components using Angular and TypeScript**, supporting complex media management workflows.
- Contributed to features and performance improvements that helped increase web revenue **3× within one year**.
- Eliminated redundant file generation, reducing storage usage by ~300 GB and **cutting 100% of associated costs**.
- **Refactored and modernized backend services** in TypeScript & for better maintainability.
- Designed a configurable trial system enabling A/B testing and product pricing experiments.
- Improved frontend performance, cutting page load times by **87%** through bundling and caching optimizations.

### Full Stack Engineer – Ehealth4Everyone

Abuja | March 2023 – March 2024

- Developed full-stack features using **JavaScript, Vue, and Node.js**, powering a creator platform used to manage large music libraries and metadata.
- Designed a modular plugin architecture for the Gates Foundation MultiSource Data Analytics & Triangulation Platform.
- **Mentored junior engineers** and **introduced TTD** to raise code quality and collaboration.
- Introduced **unit testing practices and CI improvements**, reducing deployment failures by over 40%.
- Developed an NLP-based search API, applying fundamental algorithms and data structures to improve query speed.

## Education

### Heriot-Watt University – Edinburgh, United Kingdom

MSc Information Technology | September 2025

- Focus: Databases (SQL), Java, E-Commerce Tech, Innovation Management, Project Management.
- Dissertation: Conversational AI for Public Health (QLoRA fine-tuning + RAG pipeline).

### Covenant University – Ota, Nigeria

B. Eng. Mechanical Engineering | August 2022

## Projects

- **Querci (File Transfer & Collaboration Platform):** Prototyped and shipped a cloud-powered file transfer and collaboration platform, featuring resumable uploads, secure sharing, and an in-browser audio stem player for creators.