

Opeyemi Raphael-Ogbe

Software Developer

Email opeogbe22@gmail.com Phone +234 704 241 9880 GitHub scienceshephard Portfolio opeogbe.com LinkedIn Opeyemi Raphael-Ogbe

Software developer focused on desktop and web applications across Java, JavaFX, and Spring, with React and PHP for the web. Comfortable taking a project from architecture through to delivery, whether that means integrating native C++ libraries into Java or building clean, responsive interfaces.

PROJECT EXPERIENCE

Enterprise CAD Desktop Application 03/2026 – Present
Software Developer (Contract)

- Built a JavaFX desktop client for an industrial CAD and bill of materials platform, integrating OpenCASCADE through a JNI bridge to render multi gigabyte CAD files natively without blocking the UI.
- Developed an interactive 3D viewer with rotate, pan, zoom, explode, and measurement tools, plus support for parsing and viewing DWG, DXF, and PDF schematics.
- Designed a nested TreeTableView for complex parent assemblies and child components, with drag and drop reordering and live cost and weight rollups.
- Synced the client to a live Laravel and PostgreSQL backend, with token based authentication, file check in and check out locking, and an engineering change order approval flow.
- Packaged the application into standalone native installers for Windows and macOS using jpackage.

Digital World Tech Academy 04/2025 – 10/2025
Web Developer

- Delivered practical training in HTML, CSS, and JavaScript, mentoring students across both frontend and backend web development.
- Designed and supervised hands on coding exercises and mini projects to reinforce learning outcomes.
- Guided students in building real world web interfaces and grasping client and server concepts.
- Strengthened students' technical confidence and foundational programming skills through structured tutoring.

Upwork Freelancer (Remote)

Chat Application

- Built a desktop chat application using JavaFX for the interface and Spring Boot for the backend, handling the connection between the desktop client and the server.

E-commerce Platform 03/2024

- Designed and built a secure, responsive e-commerce platform with Spring Boot, covering the full shopping flow from product browsing through to checkout and payment.
- Implemented end to end shopping cart and payment functionality for a smoother experience on both mobile and desktop.
- Optimized performance and responsiveness, cutting load times by around 30 percent.

Word Processor Application 10/2023 – 11/2023

- Built a desktop word processor in Java Swing with core capabilities similar to Microsoft Word.
- Added text formatting, document saving, and editing for a straightforward editing experience.

EDUCATION

B.Sc
Computer Science
Adekunle Ajasin University, Akungba
2022 – 2026 · Ondo State, Nigeria

WASCE
Lagos State Model College, Agbowo
2015 – 2021 · Lagos State, Nigeria

SKILLS

LANGUAGES

JavaKotlinJavaScriptPHP

FRAMEWORKS

SpringJavaFXReactAngular

WEB

HTML and CSS

LANGUAGES

English
Yoruba

INTERESTS

Music · making and producing music