

Lovette M Nkayi.

Software Engineer

nkayilovette@yahoo.com • [LinkedIn](#) • [portfolio website](#) • [GitHub](#) • Permanent Resident

- Driving web platform improvements for 10K+ monthly active users at DvTech.
- Performance and accessibility champion, leading org-wide trainings for 20+ engineers.
- Trusted industry expert and software dev mentor, providing mentorship to junior engineers.

EXPERIENCE

DvTech LLC – Silver Spring, MD

Feb 2023 – Present

Software Engineer: Spearheading new design system and frontend architecture used by 25+ engineers and 1K+

B2b customers, enhancing UI consistency, cutting development time, and minimizing UI bugs.

- Led creation of design system with 30+ components and the migration from 4 years of legacy components.
- Rearchitected core chatbot widget to support highly customizable themes used by 90%+ of customers.
- Built high-performance Android and iOS apps using Flutter, achieving seamless cross-platform compatibility and reducing development time by 40%.
- Implemented Flutter's widget-based architecture to deliver highly interactive and visually appealing user interfaces, boosting user satisfaction ratings by more than 25%.
- Optimized app performance with efficient state management (Provider, GetX) and custom animations, reducing latency by 25%.
- Integrated Firebase and RESTful APIs into Flutter apps, enabling real-time data syncing and improving app functionality for over 10,000 users.
- Developed data-driven applications and improved performance across small to medium-scale projects, optimizing API response time using NodeJS(Backend JS Framework).
- Developed and deployed a highly efficient auto-reminder feature, reducing missed appointments by 45% and more, and optimized performance using Node.JS, GetX, and CI/CD pipelines.
- Mentor 3 engineers. 2 of which have been promoted (to mid-level).
- **Skills:** Typescript, JavaScript, React/Next.js, Nodejs, Firebase, OpenAI, AWS, HTML, CSS, design systems, accessibility, web performance.

Vagally LLC - London, UK

2021 - Jan 2023

Full-Time Full-stack Developer

- I led to the Development of scalable Android and iOS apps with React Native, increasing monthly active users by 20% through innovative feature rollouts like implementing KYC, Push Notifications, Quick Sign-up using Clerk Auth system.
- Enhanced app efficiency by implementing reusable React Native components, reducing code redundancy and speeding up development cycles.
- Collaborated with backend teams to connect React Native apps to robust APIs, ensuring a 99.9% uptime and seamless app-server communication.
- I wrote test scripts at different stages of the deployment phase to check for bugs and more so every component can be served with files from their remote docker images.

- Built multiple Micro-services for various apps, in which I implemented Phone & Email Authentication services to connect the in-house project to it.
- I led to the deployment of a user centric shipment and clearance service website that was fully responsive using **React/Next.js, Node.js, Firebase, Clerk for authentication and Version control using Git/GitHub**.
- **Skills:** Html, CSS, JavaScript, React/Next.js, Nodejs, Docker, MongoDB, Git, CI/CD, Firebase, and more.

BickDrims LLC - Douala, CM

Aug 2018 - Jan 2021

Full-Time Frontend React Developer

- Built accessibility dashboard used by 40+ teams to identify and track accessibility improvements across the app.
- Led to the migration of legacy codebases to modern frameworks, improving maintainability and reducing deployment time and error prompts.
- Enhanced web applications performance by 55% using caching techniques and efficient MVC designed patterns, significantly improving user experiences.
- Implemented scalable and secure hosting solutions on AWS, Vercel, and Heroku optimizing resources and improving load time across multiple client projects.
- **Skills:** Typescript, JavaScript, React/Next.js, Nodejs, MongoDB, Git, CI/CD, Chakra-UI/ShadCN, Flutter, Firebase, design systems, React native and more.

EDUCATION

ABMA University | Online/Remote - London, UK

Level 5 Diploma - Professional Computing And Information Systems

- Applied software development lifecycle (SDLC) methodology in my Level 5 final year project that led to building a Full-Stack E-commerce application.

SKILLS

Front-End Technologies: [HTML](#), [CSS](#), [JavaScript](#), [TypeScript](#), [React.js/Next.js/Vue.js](#), [Redux](#), [JSON](#), [Tailwind CSS](#), [MUI](#), [Flutter](#), and more.

Back-End Technologies: [Node.js](#), [Jenkins CI/CD](#), [Python\(Django\)](#), [Prisma](#), [Clerk\(Auth\)](#) etc.

Databases: [MongoDB](#), [Firebase](#), [S3](#), [SQL Databases](#), [Postgres](#) and can learn more depending on project requirements.

Tools & Platforms: [Git](#)(Version control), [Docker](#), [Kubernetes](#), [GitHub/GitLab](#), [AWS](#), [Jira](#), [GCP](#), [Heroku](#), [Cloudinary](#), [Vercel](#), [Figma](#), [Adobe XD](#) and more.

BEYOND WORK

- **Other Certifications:** CISCO Networking(NetAcad), Taking an AWS Certified Developer - Associate (2024).
- **Projects:** I have developed both personal, company and customer projects I can't name them.
- **Volunteering:** Mentor at DvTech LLC - Imparted web development knowledge to young students and interns.
- **Languages:** English, French.
- **Publications:** Authored an article on **"Fixing 504 Errors with NextAuth After Vercel Deployment"** and **"How to Become a Full Stack Software Developer In 2024"** published on my [portfolio website](#).