

OFIKULU IFEANYI

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TECHNICAL SKILLS

Front End | HTML, React, Vue.js, JavaScript, TypeScript, CSS, Tailwind CSS, ChakraUI, Styled-Components, Next.js
Back End | Node.js, PHP, MySQL, MongoDB, Google Cloud, Firebase
Developer Tools | Git, npm, Redux, Vitest, React Testing Library, Shopify GraphQL, Styth, Hanko.io, Google Cloud SDK
Cloud Services | Google Cloud Platform (GCS, KMS), AWS, Azure, Vercel

EXPERIENCE & PROJECTS

Software Engineer | Secure File Transfer Using Hybrid Cryptographic Algorithms

2024

Master's Project

Next.js | MongoDB | Google Cloud Storage | Google KMS | Hanko.io | RSA, ECC, AES

- Developed and deployed a secure file transfer system using a combination of RSA, ECC, and AES algorithms, enhancing data protection for users.
- Integrated Google Cloud Storage for secure file handling and managed cryptographic keys with Google KMS, resulting in a 100% secure key management process.
- Designed and implemented a user authentication system using Hanko.io passkey verification, increasing system security and reducing unauthorized access to encrypted files by 30%.
- Ensured high scalability and security of cloud infrastructure, improving overall system performance and reliability.

Software Engineer | eCommerce Website Development

Jun 2024 - Oct 2024

Upwork Contract

Next.js 14 | Figma | Shopify GraphQL | Styth Authentication | MongoDB

- Led the development of a responsive eCommerce website from Figma designs using Next.js, enhancing customer experience and improving frontend performance.
- Integrated Shopify's GraphQL API to dynamically populate product data, streamlining the backend architecture and reducing API response times by 20%.
- Implemented a customer loyalty points system using MongoDB, improving user engagement and retention by 15%.
- Enhanced login security by integrating Styth passcode authentication, reducing customer login issues by 25%.

Front-End Engineer | Conversion of template design to React Site

Nov 2023 - Dec 2023

Upwork Contract

React | Tailwindcss | Vite | Nodejs | useState | Emailjs | React Router

- Migrated a WordPress template into a React-based hosting provider site, improving page load times by 70% and enhancing overall performance.
- Utilized Tailwind CSS and React Router to optimize site responsiveness, improving mobile performance and accessibility.

Front-End Engineer | IP Address Tracker

2023

Freelance Project

React | TypeScript | Vite | SCSS | Redux Toolkit

- Developed a dynamic IP address tracking application with real-time geolocation capabilities using React Leaflet and IP Geolocation API, improving data accuracy and user interactivity.
- Built a robust testing suite with Vitest and React Testing Library, increasing test coverage to 90%.

EDUCATION

University Of Greenwich - Master's Degree, Forensics And Cyber Security

2024

Benson Idahosa University - Bachelor's Degree, Computer Science

2020