

Eric Alfred

| alfrederic371@gmail.com | (+234)7010363424 | [Portfolio](#) | www.github.com/Ealfred1

SUMMARY

- Versatile and skilled Full Stack Mobile and Web Developer, adept at transforming intricate mobile concepts into easily understandable materials.
- Backed by a strong foundation in mobile technology and blockchain technology, I offer technical proficiency and exceptional content creation skills.
- My established history underscores my dedication to delivering comprehensive documentation, user-focused platforms, and cutting-edge software solutions.

TECHNICAL SKILLS

Languages: JavaScript, Python, Java

Frameworks: ReactJS, NextJS, Django, Flask, FastAPI, TailwindCSS, React Native, NodeJS

Databases: App Write, Firebase, AWS, Supabase, PostgreSQL, MySQL

Tools: Hashnode, Docker, GIT, GitHub, Android Studio, VsCode, Xcode, Postman, Swagger

WORK EXPERIENCE

Backend Engineer | Cafx (Remote)

October 2024 - March 2025

Roles and Responsibilities:

- Engineered and maintained robust backend systems powering CAFX's mobile trading platform, enabling seamless AI-driven spot, arbitrage, and futures trading.
- Developed and optimized APIs for real-time market data, AI analytics integration, and automated trading functionalities to support low-latency decision-making and execution.
- Collaborated closely with mobile and blockchain engineers to deliver secure, high-performance trading features and frictionless user experiences.
- Built scalable infrastructure to support high-frequency transactions and concurrent users in a fast-paced crypto trading environment.
- Implemented advanced security protocols and data protection standards to safeguard user assets and sensitive trading data.

Achievements:

- **Launched AI-Powered Mobile Trading App** – Played a key backend role in developing and optimizing CAFX's mobile trading platform by building scalable APIs and integrating AI-driven insights for spot, arbitrage, and futures trading.

- **Boosted User Engagement by 80%** – Contributed to a seamless user experience by optimizing backend performance, reducing API response times, and ensuring reliable data delivery, which helped improve user retention and engagement.
- **Optimized Performance** – Reduced app load times and improved stability, creating a high-performance mobile trading experience.

Frontend Engineer | RESQ-X (Remote) December 2024 - April 2025

Company Overview:

ResQ-X is Nigeria's leading on-demand roadside assistance service. Our innovative app connects stranded motorists with skilled technicians 24/7, offering fast, reliable, and affordable help.

Roles and Responsibilities:

- **Developed and Maintained Web Interfaces:** Led the development of responsive and user-friendly web interfaces using modern frontend technologies, ensuring seamless user experiences across devices.
- **Collaborated with Cross-Functional Teams:** Worked closely with the marketing team to implement promotional strategies and with backend developers to integrate APIs, enhancing overall site functionality.
- **Administrative Dashboard Creation:** Designed and implemented administrative dashboards and checklists to streamline internal processes and improve operational efficiency.
- **Performance Optimization:** Conducted regular performance audits and optimized web applications for speed and scalability, resulting in improved load times and user engagement.

Achievements:

- **Enhanced User Engagement:** Implemented features that increased user interaction and retention on the platform.
- **Streamlined Operations:** Developed tools and dashboards that improved internal workflows and decision-making processes.

- **Cross-Departmental Collaboration:** Successfully bridged the gap between technical and non-technical teams, facilitating better communication and project outcomes.

Frontend Engineer | Spitch (Remote) Jan 2025 - March 2025

Company Overview:

Spitch is a pioneering language technology company focused on developing AI-powered speech and language solutions tailored for African languages. Their offerings include text-to-speech (TTS), speech-to-text (STT), translation, and diacritization services, aiming to make voice technology more inclusive and accessible across the continent.

Roles and Responsibilities:

- **Developed User Interfaces:** Collaborated with the development team to build and enhance user-facing features of the Spitch web application, ensuring a seamless and intuitive user experience.
- **Integrated Speech Technologies:** Worked closely with backend engineers to integrate Spitch's speech processing APIs, facilitating real-time transcription and translation functionalities.
- **Optimized Performance:** Implemented performance optimizations to ensure fast load times and responsiveness across various devices and browsers.
- **Collaborated Across Teams:** Engaged with cross-functional teams, including product managers and designers, to align frontend development with user needs and company goals.

Achievements:

- **Enhanced Accessibility:** Contributed to making the platform more accessible to users by implementing features that support multiple African languages.
- **Improved User Engagement:** Played a key role in refining the user interface, leading to increased user satisfaction and engagement metrics.

Head Of Campus | CreatorOnCampus-Uniuyo January 2025 - March 2025

Roles and Responsibilities:

- **Developed and Led Educational Programs:** Designed and implemented comprehensive blockchain education programs, fostering a deep understanding of Layer 2 solutions among students and professionals.

- **Established Academic Partnerships:** Forged collaborations with universities and educational institutions to integrate Creator Chain's technology into curricula, promoting research and development in decentralized technologies.
- **Promoted Community Engagement:** Facilitated discussions and forums to share knowledge and updates about Creator Chain, strengthening the community and encouraging active participation.

Achievements:

- **Expanded Developer Community by 60%:** Through targeted educational initiatives and partnerships, significantly increased the number of active developers building on Creator Chain.
- **Published Research Collaborations:** Co-authored research papers with academic partners, contributing to the body of knowledge in Layer 2 blockchain scalability and efficiency.

Lead Full-Stack Engineer | Specspay January 2024 - Till Date

Company Overview:

SpecsPay is a Nigerian-based digital marketplace that connects consumers with verified local service providers in real-time. The platform enables users to post service requests, receive competitive bids from nearby merchants, and select the best offers based on price, proximity, and merchant ratings.

Roles and Responsibilities:

- **Full-Stack Development:** Led the end-to-end development of the SpecsPay platform, utilizing technologies such as React.js for the frontend and Node.js for the backend, ensuring seamless user experiences and robust functionality.
- **System Architecture Design:** Architected scalable and secure system infrastructures to support real-time interactions between users and service providers, aligning with the company's growth objectives.
- **API Development and Integration:** Developed and integrated RESTful APIs to facilitate smooth communication between various services and third-party platforms.
- **Team Leadership:** Managed a cross-functional team of developers, providing mentorship, conducting code reviews, and ensuring adherence to best practices in software development.

- **Collaboration with Stakeholders:** Worked closely with product managers, designers, and business stakeholders to translate business requirements into technical solutions.
- **Continuous Improvement:** Implemented CI/CD pipelines to streamline deployment processes and reduce time-to-market for new features.

Achievements:

- **Platform Launch:** Successfully led the development and launch of the SpecsPay platform, facilitating real-time connections between consumers and service providers.
- **User Engagement:** Enhanced user engagement by implementing features that improved the bidding process and communication between users and merchants.
- **Scalability Enhancements:** Optimized system performance to handle increased user load, ensuring consistent uptime and responsiveness.
- **Security Improvements:** Implemented advanced security protocols to protect user data and ensure compliance with data protection regulations.
-

Full-Stack Engineer | CreatorMail now called Kelarr September 2022 - August 2023

Company Overview:

Kelarr is a digital asset platform that facilitates seamless transfers of digital assets via email, usernames, or wallet addresses, providing users with a secure and user-friendly experience.

Roles and Responsibilities:

- **End-to-End Application Development:** Led the development of CreatorMail's Android application, overseeing the entire process from design to deployment, ensuring a seamless user experience.
- **Frontend Engineering:** Designed and implemented intuitive user interfaces using modern frontend technologies, enhancing user engagement and accessibility.
- **Backend Development:** Developed and maintained robust backend services to support application functionalities, ensuring scalability and reliability.
- **Secure Digital Asset Transfers:** Integrated secure protocols for transferring digital assets, ensuring data integrity and user trust.

- **Cross-Functional Collaboration:** Worked closely with design, marketing, and backend teams to align development efforts with business objectives and user needs.

Achievements:

- **Increased User Adoption by 50%:** Through continuous improvements and feature enhancements, significantly boosted the number of active users within six months of the app's launch.
- **Reduced Transaction Processing Time by 30%:** Optimized backend processes and integrations, leading to faster transaction completions and improved user experience.
- **Enhanced Security Measures:** Implemented advanced security protocols, resulting in a 40% decrease in security-related incidents and bolstering user confidence in the platform.

Frontend & Mobile Developer | EasySwap September 2024 - Till Date

Company Overview:

EasySwap is a cryptocurrency exchange platform designed to simplify digital asset transactions for users worldwide. The platform supports a wide range of cryptocurrencies, including Bitcoin (BTC), Ethereum (ETH), Litecoin (LTC), Binance Coin (BNB), Solana (SOL), Cardano (ADA), Polygon (MATIC), and Dogecoin (DOGE). EasySwap aims to make digital asset exchanges simple, fast, and accessible to everyone. easyswap.digital

Roles and Responsibilities:

- **Frontend Development:** Led the development of responsive and user-friendly interfaces using React.js and Next.js, ensuring seamless user experiences across web platforms.
- **Mobile Application Development:** Developed cross-platform mobile applications using React Native, providing users with on-the-go access to cryptocurrency exchange services.
- **UI/UX Design Collaboration:** Worked closely with design teams to translate Figma designs into functional interfaces, maintaining brand consistency and enhancing user engagement.
- **API Integration:** Integrated RESTful APIs to enable real-time data fetching and transaction processing, ensuring efficient and secure operations.
- **Performance Optimization:** Implemented best practices for code optimization, reducing load times and improving application responsiveness.

Achievements:

- **Successful Platform Launch:** Contributed to the successful launch of EasySwap's web and mobile platforms, expanding the company's reach and user base.
- **Enhanced User Engagement:** Improved user retention rates by implementing intuitive navigation and interactive features, leading to increased daily active users.
- **Scalability Improvements:** Optimized application architecture to handle increased traffic and transaction volumes, ensuring platform stability during peak usage.

Lead Frontend Developer | FaceMentor March 2025 - Till Date

Company Overview:

Facemmentor is a platform designed to connect mentees with experienced mentors through instant video scheduling, allowing live Q&A sessions, replays, and access to exclusive mentor resources.

Roles and Responsibilities:

- Led the frontend development and architecture of the Facemmentor platform.
- Integrated real-time scheduling features and seamless video call functionalities.
- Collaborated with UI/UX teams to deliver clean, engaging interfaces optimized for desktop and mobile.

Achievements:

- Launched a dynamic scheduling system enabling instant mentor bookings.
- Improved session rewatch features and built user access to mentor resources.

CTO & Co-Founder | Kampos January 2025 - Till Date

Company Overview:

Kampos is a social platform exclusive to Nigerian university communities — designed for campus-based interaction, student-generated content, and networking.

Roles and Responsibilities:

- Led technical direction and platform design architecture.
- Built features focused on user identity, community safety, and real-time posting.
- Collaborated with product leads to build out student-specific engagement tools.

Achievements:

- Launched early beta within multiple Nigerian universities.
- Built core identity and group modules with high engagement metrics.

CTO | Unistore
December 2024 - Till Date

Company Overview:

Unistore is a campus marketplace for university students to buy, sell, and discover products locally within their campus communities.

Roles and Responsibilities:

- Developed marketplace architecture to support product listings, offers, and transactions.
- Optimized search, filters, and store functionality for student convenience.
- Led student ambassador program to drive usage and awareness.

Achievements:

- Scaled Unistore to 1,000+ active student sellers across multiple campuses.
- Boosted transaction success rates through feature updates and stability improvements.

Development Tutor / Lead Dev | Taget LevelupCamp
2023 - Till Date

Company Overview:

Taget LevelupCamp is a grassroots dev learning community training beginners in web and mobile development.

Roles and Responsibilities:

- Mentored beginner developers through practical projects in HTML, CSS, JS, and backend fundamentals.
- Built internal tools to support code reviews and peer assessments.
- Taught fullstack tracks with a focus on real-world project execution.

Achievements:

- Graduated 100+ devs into junior roles and internship placements.
- Built curriculum components and digital assessment platform.

EDUCATION & QUALIFICATIONS

- **African Leadership University (ALU), Rwanda**
B.Sc. in Computer Science (Ongoing)
- **Alchemy University**
Blockchain Development [2022]
Comprehensive learning on building and interacting with web3 technologies.
- **Harvard University**
CS50: Introduction to Computer Science [2020]
Specialized in programming languages such as Python, C, and Java.