

Miriam Medo | Senior Software Engineer

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PROFESSIONAL SUMMARY

I'm a software engineer with 6+ years of experience, 3 years developing backend systems and 6+ building intuitive user interfaces in FinTech, TravelTech and EdTech sectors. I'm deeply passionate about problem-solving, from untangling complex systems to finding cleaner, faster ways to make software feel alive. Beyond code, I love mentoring and helping others grow into confident engineers. At this stage of my journey, I'm focused on contributing to impactful systems and connecting the point where creativity and purpose aligns.

TECHNICAL SKILLS

Backend: [Node.js](#) (Typescript) • Golang • REST • GraphQL • Microservices• Monoliths

Databases: PostgreSQL • MySQL • MongoDB • Redis • DynamoDB

Frontend: React • Next.js • Redux • Angular • TypeScript • Tailwind CSS

DevOps & Cloud: AWS (S3, Cognito, DynamoDB) • Docker • Kubernetes

Tooling & Testing: Jest • Vitest • Prisma ORM • GORM • React Query • Express • Nest.js • Loopback • Fiber

EDUCATION

Bachelor of Technology in Computer Science

Federal University of Technology Akure, Nigeria

PROFESSIONAL EXPERIENCE

TakeTrips (TravelTech) — Backend Engineer  Oct 2024 - Present.

Technology Used: Node, Loopback, Redis , MongoDB, Docker, React

- Built backend services integrating GDSs, NDCs, and OTAs to deliver unified flight offers.
- Optimized search response times by **60%** using Node.js streaming.
- Designed caching strategies with Redis, reducing repeated queries and load.
- **Designed and implemented a distributed logging pipeline** using message queues (Redis) to handle system-wide event ingestion.
- **Reduced production bugs by 45%** using comprehensive unit tests for components and API integrations using Vitest, Jest e.t.c.
- Enhanced code quality standards through review sessions.

Kyzzen (Web3 Contract) — Full Stack Engineer  Apr 2022 - Jan 2025.

Technology Used: Goland, Redis , MongoDB, AWS(Lambda, S3, Cognito, DynamoDB), React, Typescript

- Built and deployed a Telegram bot with Golang, Kubernetes, and Docker, delivering real-time news interactively and boosting user engagement.
- Developed and deployed microservices utilizing Golang, Kubernetes and Docker, enhancing system scalability by 40% and reducing deployment time.

— Front End Developer Apr 2022 - Jan 2025.

- Collaborated with a multidisciplinary team to develop a suite of tools, including news aggregation, tracking loan offers etc. These tools increased Kyzzen's value proposition and user engagement by 50% and supported our vision to be a one-stop platform
- Implemented bulk operations allowing users to process multiple transactions simultaneously, leading to a 50% time reduction.

ValueDriver (Parallex Bank Contract) — Front End Developer  Jun 2022.

- Developed Parallex Bank's Corporate Internet Banking platform, translating designs to **Angular** code and integrating RESTful APIs for features like Transfers, Bulk Payments, and Audit Trails, boosting client transaction efficiency by 40%.
- Implemented robust security measures and compliance protocols like anti-clickjacking, CSP, XSS injection etc. that reduced potential vulnerabilities by 60%.

- Collaborated with a team of 4 on end-to-end and component testing, resulting in a 40% reduction in bug reports and improving overall platform stability and load time.

Cholatrek (Contracted to Juripass LawTech) — Front End Team Lead

Jan 2023 - Aug 2024.

- Led agile development team to create case filing and affidavit processing solution, reducing processing time by 70% and significantly improving staff efficiency.
- Managed end-to-end testing strategy with 8-person team, resulting in 15% reduction in post-release defects and improved deployment reliability.

— Tech Educator

Sep 2020 - Jan 2023.

- Facilitated interactive panels featuring industry experts providing actionable career insights, achieving 70% positive feedback rate from attendees.
- Mentored 10+ entry level developers in React development, achieving 100% skill improvement rate and successful career transitions

Nidcom (FinTech) — Front-end Developer (Contract)

Aug 2021 - Mar 2022.

- Implemented a tiering system for internet banking platform, enhancing security protocols based on account size and reducing fraud incidents by 40%

LEADERSHIP AND VOLUNTEER EXPERIENCE

Google Developer Group Akure — Co-organizer

Nov 2022 - Jan 2025

- Collaborated with a cross-functional team to organise a series of events including DevFest Akure, I/O extended, IWD etc. These events united developers and entrepreneurs to connect, build and learn.
- We successfully grew and nurtured a vibrant community of over **1500+** developers, fostering a collaborative and inclusive environment.

Google Developer Student Club FUTA Chapter — Front End Instructor

Oct 2018 - Dec 2020

- Taught programming fundamentals and led coding sessions, building strong foundation for emerging developers
- Facilitated collaborative projects enhancing community engagement and skill development

FREELANCE AND NOTABLE PROJECTS

TakeTrips — Front End Developer

Feb 2023 - Dec 2023.

- Converted Figma designs to production components using React and Redux Toolkit Query for seamless user experience.
- Developed smart pricing feature showing cheaper travel dates, providing cost savings and flexibility for users

Minimalist Reactkit

Oct 2023 - Present

- Created open-source React TypeScript package providing reusable components for developer community
- Technologies: React, TypeScript, SCSS, Rollup

Fuzzy Logic System

Oct 2023 - Dec 2023

- Built intelligent loan assessment system using Golang and fuzzy logic algorithms
- Implemented multi-factor analysis considering income, credit score, collateral, and other variables for creditworthiness determination