

Chinemelum Ch'uba-Nwene

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[Github Profile](#)

Professional Summary

Front-End Engineer specializing in building high-performance, type-safe web applications using React, Next.js, and TypeScript. Driven by a passion for creating efficient, user-centric applications with a commitment to continuous learning and staying updated with the latest frontend advancements.

Technical Skills

- **Core Technologies:** TypeScript, JavaScript (ES6+), React, Next.js, HTML5, CSS3,
 - **Type Safety & Architecture:** tRPC, Zod, Type-based coding practices
 - **State Management:** Zustand, Tanstack Query (React Query)
 - **Real-time Technologies:** WebSocket, Centrifugo
 - **Styling & UI:** Tailwind CSS, ShadcnUI, Responsive Design
 - **Developer Tools:** Git, VS Code, Postman, Chrome DevTools
 - **Backend & Database:** Node.js, Express, MongoDB, Prisma, Firebase
 - **Testing & Quality:** Unit Testing, Jest, React Testing Library
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Experience

CVSpan / Frontend Developer

January 2025 - Present (Remote)

Key Responsibilities:

- Developed and maintained high-quality web applications using React, Redux, and TypeScript.
- Collaborated with cross-functional teams, including product managers, designers, and backend developers, to deliver seamless user experiences.
- Optimized applications for performance and scalability, achieving improved page load times and responsiveness.
- Participated in code reviews, ensuring adherence to coding standards and maintaining a high code quality.
- Contributed to the architecture and design of scalable frontend solutions, leveraging modern tools and

best practices.

- Troubleshoot and resolved issues across browsers and devices, ensuring compatibility and user satisfaction.
- Implemented user feedback to enhance the frontend experience, improving customer satisfaction and engagement metrics.
- Contributed to improving development workflows and team productivity through process enhancements.

Hotels.ng /Frontend Developer

September 2024 - December 2024

Key Projects & Achievements:

- **Lumbo.fun** (formerly Remote Bingo)
 - Part of a team of 2 frontend developers implemented the frontend architecture and development of a real-time multiplayer team-building game.
 - Implemented complex WebSocket integration using Centrifugo for real-time game events, messaging, and player management.
 - Architected state management using Zustand and Tanstack Query for optimal performance ○ Developed type-safe client-server communication patterns ensuring robust data flow
- **Telex** - Real-time Notification System
 - Collaborated in a frontend team to develop a scalable and performant UI for an internal real-time notification and monitoring system for applications.
 - Contributed to developing websocket-based instant alerts for system events, logins, and error tracking, application performance monitoring, DB monitoring etc.
 - Contributed to building a Slack-like interface for seamless event monitoring and management.

HNG Tech (Hotels.ng Initiative) / Frontend Developer Intern

July 2024 - AUGUST 2024, (Remote)

Selected as one of 50 frontend finalists from 5,000+ applicants in a highly competitive internship program.

Key Achievements:

- Played a critical role in a team of 6 developers in building the initial prototype of what would later become Lumbo.fun, taking ownership of key features such as messaging, game logic, real-time updates, and game state management on the frontend with another frontend developer.
- Actively participated in daily stand-ups, sprint planning, and retrospectives, gaining practical experience in agile methodologies.
- Conducted code reviews, providing and receiving feedback to enhance code quality and team collaboration.
- Received direct employment offer from Hotels.ng based on outstanding performance.

- Developed and implemented an e-commerce platform (Giorra Online Store) in collaboration with designers, focusing on user interaction, cart functionalities, and Stripe integration for payment processing.
- Independently designed and built a link-sharing platform, Devlinks, catering specifically to developers. The platform supports profiles with customizable links, allowing users to showcase their professional online presence seamlessly across devices.

Education

The Bells University of Technology / B.Eng (Hons.) Mechatronics Engineering

SEPTEMBER 2012 - JULY 2017, OTA, OGUN STATE, NIGERIA.

Graduated with Second Class Honors Degree

Christ the King College / West African Examination Council (WAEC) Certificate

SEPTEMBER 2006 - JULY 2012, ABUJA, F.C.T.

Graduated with 9 O'Level distinctions in the West African Senior Secondary School Certificate Examination (WASSCE)

Interests

- Robotics & Artificial Intelligence
- Motorsports (Formula 1)
- Automobile Restoration
- Open Source Contributions