

# Chinemelum Ch'uba-Nwene

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[Github Profile](#)

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## 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.

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## 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

### Hotels.ng /Frontend Developer

September 2024 - Present(Remote)

#### 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