

# NGABO T. Irene

## Software Engineer

renela79@gmail.com

+250 780189335

linkedin.com/in/renela

renela.io

With more than 4 years of professional work experience and 6+ years of technical education in computer science, I hold a strong passion for building web and mobile applications that enhance an organization's digital success. I am involved in the full software development process, from project inception to production-ready delivery and customizable solutions.

## Relevant Experience

### Technical Lead / Mobile Engineer @ Highview Tech Group

March 2020 - Present // Kigali, RWANDA

- Built a super app with repack a plugin to integrate webpack and react native enabling importing of remote-hosted app-bundles which can run as mini-apps inside a host application or as their own standalone apps.
- Built an ETA (Estimated Time of Arrival) mobile app for public bus system with react native, google maps with socket.io.
- Establishing scalable technical stacks for projects (tools and frameworks like Git repos, configure CI/CD pipelines) and managing deployment environments.
- Discussing with PM's and clients in advising relevant technologies and project timelines.

### Mobile Development Tutor @ KLab

June 2022 - July 2022 // Kigali, Rwanda

- Teaching content preparation for training sessions and tasks setup on Trello.
- Provided physical trainings and professional guidance on app development with react native, data and state handling with redux, API fetching, app optimizations on re-renders with useMemo & useCallback hooks, testing with Jest, react native testing library and maestro.
- Report handling and progress assessment and reviewing projects developed by trainees.

### Mobile Developer @ Zacu Entertainment

July 2019 - January 2022 // Remote

- Led the development of a VOD (Video OnDemand) platform with react native, expo, Cloudflare, firebase, Momo and DPO payment integrations.
- Built a smart tv app version for android TV and tvOS with renative "a unified development environment for mobile, web, TV's, desktop, consoles, wearables via single dev environment". The main feature implemented was a FocusManager module that handles navigation with remote control.
- Handled project management, deployments and versioning for both apps.

### Software Developer @ HviewTech

July 2018 - February 2020// China - Remote

- Write modern, performant, and robust code for a diverse array of client and internal web and mobile projects
- Worked on a payment wallet app that included split billing, 1:1 chat messaging built with react native, socket.io for react time updates, firebase for real time subscription.
- Tested sites in various browsers and devices to ensure cross-browser compatibility and mobile responsiveness.

## Education

### Chengdu Neusoft University

2016 - 2020 // Chengdu, China.

Bachelor in Software Engineering

## Skills

### Web Development

Typescript, React.js, Next.js, Redux, Node.js, GraphQL, Prisma, MongoDB, Postgres, Jest, Playwright.

### Mobile Development

React Native, Expo, Renative, Fastlane, Expo Application Services (EAS), Google Maps, Maestro, AppStore, Play Console.

### Tools & Platforms

Git, CI/CD, Docker, Vercel, Firebase, Supabase, Convex, Amplify.

## Projects

### Zacutv App

A VOD (Video on Demand) platform on android, iOS, android TV and tvOS for streaming Rwandan and East African produced movies. It has over 50k active users and was recently acquired by Canal+ International. Built with JavaScript, React native, Redux, Expo, Firebase, Cloudflare and renative.

### Sales Agent App

I built this app to enable sales agents purchase, order and track delivery of their products from their respective warehouses. Stack: React native, Expo, redux toolkit, Firebase, EAS.

### Discord clone

I built this clone to emulate the features of Discord. Features like real-time messaging with web sockets, servers, channels creation and management and authentication with ClerkJS. Stack: Nextjs v13 App router, Typescript, Zustand, Tailwind, CSS, Prisma, PlanetScale, Uploadthing, clerkJS and socket.io

## Languages

English

Deutsch

Chinese

Full Professional

Basic

Basic