

# Ezekwu Jeremiah Ifeanyi

Frontend Engineer

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Detail oriented frontend developer with 4 years working experience with several software engineering tools. Experienced in building scalable and high performance and easily maintainable applications while putting into consideration accessibility. A quick learner with great team collaboration and problem solving skills.

## Technical Proficiencies

<b>Languages:</b>	JavaScript, Typescript, es6.
<b>Styling:</b>	CSS, SCSS, CSS Modules, SASS, Tailwind, Styled components, etc.
<b>Frontend:</b>	React, Formik, React-Hook-Form, Redux, Nextjs, React-Query, Design Systems, Design Principles,
<b>Tools:</b>	Visual studio code, Webpack, Vite, Git, Github, NPM, Yarn, Vercel, Netlify, Browser dev tools, Cloudinary, Figma, ChatGPT, Postman, Slack, Jira.

## Career Experience

### Kodee, Remote/Lagos

January 2024 - Present

Lead Frontend Engineer

Tech Stack: React, Next, Tailwind, Redux, Typescript.

As the lead frontend engineer, I was responsible for establishing the software architecture and selecting the right stack for this project. I also crafted and implemented software guidelines to uphold strict adherence to software principles and maintain formal progress tracking.

My contributions to the company:

- Built the entire frontend in Typescript and React, employed careful and precise code styling practises and strict types to ensure the production of a high quality codebase.
- Developed efficient, strictly typed and yet flexible reusable components that increased the speed of development by at least **50%**.
- Collaborated with the designer and made necessary changes to the design to **improve user experience**.
- Developed the landing page with accessibility being the main focus so as to improve **SEO** and rank high in **Google searches**.
- Established front-end **development systems**, enabling the team to meet tight deadlines without compromising quality.

- Pro-actively participated in weekly team meetings and conducted reports on the projects' progress.
- Improved the speed and performance of the application by **30%** by implementing optimization techniques such **code-splitting** when building.

## Eatritewithlulu, Contract / Lagos

December 2024 – January 2025

Frontend Engineer

Tech Stack: React, Tailwind, React-query, Typescript, Firebase.

Collaborated with a senior frontend engineer to develop a solution for a chef. A meal prep service specializing in customized plans for individuals with calorie deficits or specific dietary requirements. The platform includes features for efficient client management, streamlined payments, and flexible subscription options.

adhering strictly to project-defined tech stacks and frontend principles.

My contributions to the company:

- Adhered strictly to project-defined tech stacks and **frontend principles**, ensuring all contributions aligned with the established **architecture** and **software standards**.
- Designed and implemented authentication pages, providing users with a seamless and secure on boarding experience.
- **Optimized** data handling by **caching data**, significantly **reducing** the number of **database calls**.
- Built and maintained **reusable, scalable** components, enabling consistent design and **accelerating** development across the application.
- Solely designed and developed a visually appealing and user-friendly landing page, ensuring an engaging and professional look.
- Actively participated in team meetings, providing valuable insights to enhance application performance and improve user experience.

## Truckdispatch, Remote/ Lagos

January 2023 – January 2024

Frontend Engineer

My contributions to the company:

- Contributed significantly to efficiently delivering and launching the product's minimum viable product (MVP) within a timeframe of 1 month.
- Helped in building reusable components that were utilized throughout the application
- Made changes to ensure that components are built to the standards of the design.
- Built the authentication flow to make on-boarding of new users seamless
- I significantly contributed in improving the performance of the web application by incorporating several optimisation techniques e.g code-splitting, **memoization** e.t.c
- Developed a contact-us form where users can directly contact the company without having to sign-up
- Conducted research to ensure that the SEO ranking of the company's website was considerably high.

- Took on additional backend development tasks using Node.js, Express, MongoDB, and Mongoose.
- Pro-actively participated in weekly team meetings and conducted reports on the projects' progress.
- Worked closely with a senior engineer, constantly engaging in peer programming sessions and code reviews with him to ensure that the rules of the code base architecture are met

## Education

September 2018 - September 2023

### Bachelor of Science Human Anatomy

University of Nigeria, Enugu.

## Projects

### WorkRoom — Full stack: *Next.js, Typescript, Firebase*

WorkRoom is a collaborative web application designed to streamline company management. WorkRoom empowers teams to collaborate effectively on projects, organize events, and manage tasks seamlessly. With robust tools for team collaboration and productivity.

[Website](#) | [Repository](#)

## Blog

### Applying Design Principles In React

Software development, in general, has several principles that guide and govern the development of quality software. These solid design principles help developers greatly improve their code base's efficiency, maintainability, and scalability. This article will explain several popular software development principles and when and how to implement them in your React code base.

### Harness The Power Of Component Composition In React

React is well known for its component-based architecture and component reusability, features that help you build the UI of your app. This approach becomes counter-productive when you build more dynamic components that are deeply nested with their data coming from higher up in the component tree. The good news is React has an in-built solution called “component composition,” as this article will show.

### Writing Clean, Reusable Components In React

As a developer, you must have heard of reusable components and how they make your code-base cleaner, maintainable, and reusable. Over time, React applications grow, projects increase in complexity, and we often find ourselves repeating the same code repeatedly: counterproductive and time-wasting. This article will explain what reusable components in React are, and when and how to implement them.

