

Lagos, Nigeria. 100248.

ODUWAYE EMEKA

+2348069468293

[emekaseun.es@gmail.com](mailto:emekaseun.es@gmail.com)

<https://github.com/mekuzd>

## EMPLOYMENT

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<b>Full-stack Engineer</b>	<b>Tranq-bay-Health, Berlin, Germany</b>	<b>July 2023 - Present</b>
<ul style="list-style-type: none"><li>• Actively contributed to the adoption of best practices in front-end development, including code reviews, testing, and documentation.</li><li>• Implementing Jest for unit testing and Cypress for end-to-end testing, ensuring the robustness and reliability of the application.</li><li>• Participating in the planning and design meetings to contribute to the development process of the web application.</li><li>• Leveraged proficiency in TailWind CSS and NextJS to create dynamic and interactive web solutions.</li><li>• Integrated Redux, a powerful state management tool, to optimise the management of application state and enhance user experiences.</li><li>• Utilised my expertise in Nest.js and TypeORM to craft dynamic and interactive back-end solutions within micro services architecture.</li><li>• Implemented event-driven services to enhance system responsiveness and scalability, ensuring the efficient operation of the backend infrastructure.</li></ul>		
<b>Front-end Engineer</b>	<b>Cyberbuddies, Nigeria</b>	<b>Jan. 2023 – Jul. 2023</b>
<ul style="list-style-type: none"><li>• Actively contributed to the adoption of best practices in front-end development, including code reviews, testing, and documentation.</li><li>• Participating in the planning and design meetings to contribute to the development process of web applications, including World Xplorer and Havens Project.</li><li>• Leveraged proficiency in HTML, CSS, JavaScript, and ReactJS to create dynamic and interactive web solutions.</li></ul>		
<b>Software Engineer</b>	<b>SQI College of ICT, Nigeria</b>	<b>Jan. 2022 – Dec. 2022</b>
<ul style="list-style-type: none"><li>• Learning new technologies and programming languages as needed.</li><li>• Participating in the planning and design meetings to contribute to the development process of web applications.</li><li>• Providing learning support to students of the ongoing software engineering cohort.</li></ul>		
<b>Front-end Engineer (Intern)</b>	<b>BOW Dynamics</b>	<b>Sept. 2020 – Nov. 2021</b>
<ul style="list-style-type: none"><li>• Participated in the planning and design meetings to contribute to the development process of web applications.</li><li>• Analysed UI/UX designs, turned design pages and specific components into HTML, CSS, and JavaScript.</li></ul>		
<b>Research Assistant</b>	<b>Institute of Agriculture Research and Training, Nigeria</b>	<b>Aug. 2019 – Jul. 2020</b>

- Participated in Research in livestock animals.
- Formulated livestock feed for farm animals.

## EDUCATION

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**Ogun State. Nigeria.**                      **Federal University of Agriculture Abeokuta**                      **Jan. 2014 – May 2019**

- B.Agric in **Animal Nutrition. GPA: 4.52/5.0**
- Undergraduate project: An experimental research on the effect of Aqueous Neem leaf extract on haematological and serum biochemical indices of broiler chickens.

## ADDITIONAL EXPERIENCE AND AWARDS

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- **Google Africa Developer Scholarship** by Google and Pluralsight (2020).
- **SQL College of ICT Certification Software Engineering** (2021 – 2022).

## PROJECTS

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**Software Project (2023) — Airbnb Clone Website** (<https://airbnbclone22.netlify.app/>)

- **Accommodation Search:** Users can search for accommodations by entering their desired location, travel dates, and other filters such as price range, room type, amenities, and more. The search results display available listings based on the specified criteria.
- **Listing Creation:** Property owners can create listings by providing detailed information about their accommodations, including photos, descriptions, amenities, pricing, and availability. They can also set house rules and specify any additional services or experiences they offer.
- **Booking and Reservation Management:** Users can view available listings, select their desired accommodation, and proceed to book it for their chosen dates. Once a booking is confirmed, users can manage their reservations, view booking details, communicate with the host, and make payments. (not yet implemented)

**Software Project (2022) — E-commerce Website**

- Implemented a shopping cart and checkout system that allows users to purchase products online.
- Implemented search and filtering functionality to allow users to find products easily.
- Utilised ReactJS/NextJS (frontend), useState, Context API (component, component-component state management), Ant Design, Chakra UI (CSS FRAMEWORKS), CSS (for styling) and Netlify (for deployment).

**Bow Dynamics Project (2021)**

- **Class-attendance Monitoring System;** a web-based attendance management system. React, Redux.

## LANGUAGES AND TECHNOLOGIES

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- HTML, CSS3, JavaScript ReactJs, NextJS, Nest Js, TypeScript, NodeJS, MySql, MongoDB.
- Agile Methodologies.
- Analysis and Testing.
- Event driven Architecture.
- Microservices Architecture.
- .object-oriented programming.
- Git, SEO, Docker, React testing library, Jest, Enzyme, Webpack.