



TOLULOPE OLASUNKANMI MUMUNEY

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[Portfolio](#)
[Github](#)
[My Blog](#)
[LinkedIn](#)
[Medium](#)

PROFESSIONAL SUMMARY

I am a **Full-Stack Web and Mobile Developer** who believes in the possibilities of anything and all things with coding, and with a plan to shift the world's status quo to a greater height, one code block at a time. As a Software Engineer, UI/UX Designer, and Udemy Instructor, I am **skilled at implementing complex logic** and creating advanced Web Apps, Mobile Apps (Android and IOS), and Games.

As the Manager and Lead Software Engineer at D-Degree Digital Hub, I led a team that oversaw projects for reputable companies like NQR Payment Solution, **Google**, and **Opera**.

I am the sole developer of Zone Social Media and TeKmE Mobile Chat.

SKILLS

- Software Development
- Node JS (Express) API Development
- Google Workspace
- UI/UX Design
- Data Modelling
- React JS
- HTML5/CSS
- MongoDB Database
- JavaScript
- Project-Management
- React Native & Expo
- AWS s3 Bucket
- Digital Marketing
- Socket.io
- Others: Git | Npm | Parcel | Postman | Heroku | MongoDB Compass

EXPERIENCE

Lead Software Engineer || Manager
D-Degree Digital Hub | Lagos, Nigeria

January 2021 – Present

- **Project Facilitation for NQR | Opera | Google**
- **Through my great leadership and management skill, I led a team to oversee over 5 successful projects for the company, including the ones listed above**
- I was the Lead Tech Manager, responsible for directing all tech departments

- With my guidance, and with excellent collaboration with the development team, during my time at D-Degree, there were no security breaches to any of our digital resources. All done with the right code!
- Analyzed product experience metrics and Implemented top-class strategies for improvement
- I created a massive HR Management Software for the company during my early days
- Set Tasks and Goals for staff members
- As the lead software engineer, I manage all the company's tech resources, including servers, databases, cloud storage, etc.
- Organized and controlled resources to achieve the firm's goals
- Coaching, training, and development of existing and new staff members
- Oversaw and implemented all Digital Marketing Campaigns
- Project Management
- Conducted professional Job Interviews
- Analyzed and implemented new technology trends

CEO/Founder | Senior Software Engineer
[Vertical Global Tech](#) | Agege, Nigeria

January 2019 – Present

- Managing the firm's Web Apps and Code bases
- Managing all server-side components, including the Node.js App, Database, etc.
- Public and private API Development
- Ensuring peak database performance and responsiveness to front-end fetch requests
- Implement backend Node JS security protocols, which include but are not limited to password hashing, token, database protection, website protection against XSS attacks, DDOS attacks, etc.
- Developing well-structured database schemas and their management
- Full websites management for clients all over the world - designing, developing, and managing websites
- Responsible for researching and implementing new technology trends
- Communicating, managing, and acquiring clients and potential clients
- Managing all Tech Departments

Udemy Instructor
Udemy

December 2021 - Present

- Live Amazon Kindle eBook Publishing course

Upwork Freelancer
Upwork

December 2021 - Present

- Web and Application Development Consultation & Services

Software Engineer | IT Consultant
Deelbest Ventures Limited

January 2017 – March 2021

- Frontend and Backend infrastructure development and maintenance

CODING PROJECTS OVERVIEW



[TeKmE Mobile Chat \(Android and iOS\)](#)

The TeKmE chat application has been developed with all features the modern user will expect from a chat application, and then more security! Features from emojis, real-time messaging, push notifications, inbuilt entertainment features (News), contacts, online status, dark mode, and more. The drive has all app's resources, including its Android APK.

Stack: **React Native, Expo**, JavaScript, NPM, Node.js, MongoDB, **AWS S3 Bucket**, Socket.io, Heroku, Android Studio, Gradle, Git, Express.



[Zone - The Social Media Platform](#)

I consider the Zone web app **my best project**. Created with the concept of Twitter in mind, I developed the entire project in 7 days! All features of a typical social media platform have been implemented, including re-posting, liking, following, blocking, unfollowing, and more. The platform has a fully functional chat app inbuilt with it, developed to have **real-time messaging** and **push notifications with WebSocket**. I also had to create two separate backend applications for this software, one with a **Node JS Express App** and the other a **Socket.io App**. Static files are being stored in an AWS S3 Bucket.

- Test Logins: username: dev, password: dev.

Stack: JavaScript, Node JS, Mongo DB, Socket.io, Mongoose, Express, AWS s3 Bucket, Html, CSS. Backend Node API hosted on Heroku.



[Nalance Freelance Platform](#)

A fully functioning web app like Fiverr and Upwork, Nalance has all the functionalities of a top freelance marketplace, including real-time messaging, live order pages, search algorithms, and more. With a **REST API** at its back, it is indeed full stack, with gig search algorithms implemented in the prototype, JSON Web Token, secure HTTP headers for the API, password encryption for **backend security**, and an **advanced Mongo DB Schema**, this project fully highlights my backend development skills. In addition, some of the contents of this web app are **server-side rendered**.

- Test Logins: username: dev, password: dev; or username: totxprex, password: 1234.

Stack: JavaScript, Node JS, Mongo DB, Mongoose, Express, Html, CSS. Backend Node API hosted on **Heroku**.



[byClass Online Market](#)

I love this app. Implemented with a sorting algorithm, tag search, etc., I created all its functionalities in 2 days! It's fast, easy to use, and fully backed by both front-end and back-end applications. It provides users with a very sleek and smart design for shopping and connecting with sellers online. An **API-Powered** web app at its best!

- Test Logins: username: dev, password: dev; or username: totxprex, password: 1234.
- Some test search tags on the search page: "tech", "fashion", and "food".

Stack: JavaScript, Node JS, Mongo DB, Mongoose, Express, Html, CSS.



[Mapexx](#)

A smart web application, integrated with a worldwide map, the Mapexx application allows users to log in their daily workout by distance covered, location, etc., and renders these workouts in a workout space and directly on a Live Map for record purposes.

- The worldwide map is rendered using the Leaflet library
- The application automatically integrates with users' local storage to store all workouts
- Live Map and Mark Up enabled

Stack: JavaScript, Leaflet Library and API, Node Package Manager, JS Inbuilt Geolocation API, Caching, AJAX, GIT, HTML/CSS, Parcel. App fully programmed with the **JS OOP Paradigm**.



[Recipees](#)

Of all my coding/programming projects, I developed the Recipees web app to showcase my UI/UX skills. This app lets users search for any recipe by name and then returns a list of matching recipe names from a Database. I preferred **Procedural Programming** for this one.

- Supports a recipe bookmark feature. Save your favorite recipes for later.
- The shopping list feature allows users to store any ingredient they would like to shop for later. Like a Mini Notepad in the App.
- Switch Ingredient instructions per servings feature.

Stack: JavaScript, Fortify API, Node Package Manager, Node.js, Restcountries API, Caching, AJAX, HTML/CSS, MongoDB, Barbel, Parcel, Node.js.



[Weatherwizzz](#)

Not just a weather application this one. Implemented with over four different APIs, this application provides detailed weather details for your current location and then renders your location details in the interface according to the complete weather details generated.

Stack: JavaScript, Node Package Manager, Node.js, Geocode API, Openweather API, AJAX, HTML/CSS, New ES6 Classes and Async Await functions, Barbel, Parcel.



[Touchh Chat App for Web](#)

Touchh was created with both the front-end and back-end stack. The major stack here is the use of **socket.io** to establish a live, web socket connection between client and server. I love what I made of the user interface. Test Logins: username: dev, password: dev.

Other Projects

- [T-Bank App](#) - A Bank App Simulation that proves my ability to implement complex logic using JavaScript. Details in [Git Repository](#).
- [CountryWise](#) - An app to get full details about any country.
- [T-Dictionary](#) - Details in [Git Repository](#)
- [My Books and I](#) - A Full-Stack Book Store. Fully built with **React**. Code in [Git Repository](#)
- [Natours](#) - Tour Bookings platform. **Server side rendered with Node.js**. [Git Respository](#).

Games Projects

- [LudoX](#)
- [Lucky Dubby](#)

Note: Only some of the above applications have been optimized for all mobile devices.

EDUCATION/CERTIFICATIONS

THE COMPLETE JAVASCRIPT COURSE Udemy, California, U.S.	June 2022
USER EXPERIENCE - UX Accenture, Dublin, Ireland	June 2022
Node JS, Express, Mongo DB Udemy, California, U.S.	June 2022
Physical Computing Lancaster University and Institute of Coding, United Kingdom	May 2022
Google Digital Skills for Africa Google	September 2019
Bachelor's Degree in Animal Science Ladoke Akintola University of Technology, Ogbomoso, Nigeria	January 2015

ACCOMPLISHMENT

- Wrote a Twitter and Whatsapp clone app in 7 days!
- Led a team of tech experts to the completion of milestone projects for top firms like Google during my time at D-Degree.
- Occasionally create blog posts and **coding tutorials** on my [blog](#).
- Creating a very helpful public repository for newbies in programming in my public [Github Repository](#).
- Offering Software Development services to business owners and start-ups in Nigeria.
- Carried out numerous related tech solutions to start-ups and high-profile companies.
- As the CEO/Founder of Vertical Global Tech, through the brand, I have a published and best-selling Online Video course on UI/UX Design, Amazon KDP Paperback, and Kindle eBook publishing, including topics that cover other major book publishing platforms like Lulu, IngramSpark, Kobo, B&N Press, Smashwords, etc.
- Highly regarded on Upwork for providing top-notch tech services, including but not limited to web development, software development, and eBook creation.
- Created Digital Marketing services and consultations for business owners in Nigeria to help them grow their audience on the internet.

LANGUAGES

English Language – Native

OTHER RELEVANT SKILLS

- Attention to detail
- Git and Github
- Bundling JavaScript Codes with Parcel
- Using babel for code polyfilling
- CLIs and NPM
- **API testing and documentation with Postman**
- Creativity & Visual Design: High level of creativity and a sharp eye for amazing designs
- Target audience analysis
- Implementation and usage of collaborative tools to ensure collective achievements
- Excellent verbal and communication skills
- Responsible contributor committed to excellence
- Very Fluent in the English Language. Ability to effectively read, communicate, and write.
- Computer literacy: General computer skills
- Dexterous on the Keyboard
- Sound knowledge of Microsoft Word and Excel
- Internet Research skills
- Can achieve great things in a short period due to my excellent time-management skills

ABOUT VERTICAL GLOBAL TECH

To provide quality, affordable, and instant tech services. Founded in 2019, we realized how important it is for people to be able to get the most out of their businesses/products without investing excessively much in tech services.

Services:

- Web Development
- Mobile Application Development (Android and iOS)
- Digital Marketing
- Amazon Paperback Publishing
- Amazon eBook Publishing
- Graphic Design

ADDITIONAL INFORMATION

- Github: <https://github.com/totxprex>
- LinkedIn profile: <https://www.linkedin.com/in/totxprex/>
- Blog: <https://verticalglobaltech.com/blog/>
- Check out my articles on [Medium](#)