

Tobechukwu David Uka

A Full-Stack Engineer skilled at writing high-quality codes in line with the latest technological advancements. Deeply knowledgeable in Data Structure, Software Architecture, Test Driven Development, and Agile methods. Seeking opportunities to create something beautiful with people who bring out the best in me.

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[Github/Tobechukwu](https://github.com/Tobechukwu)

EDUCATION

University of Benin

Nov 2013 - Sept 2017

Bachelor of Science in Biochemistry
Second Class Upper Degree

- Top 5% of my class

Udacity

March 2022 - June 2022

Junior Frontend Developer, [Nanodegree Program](#)

EXPERIENCE

Decagon, Lagos, Nigeria — Fullstack Engineer

Jan 2023 - date

Technology company in the software engineering and leadership training

- Built a movie review application using Express, Typescript, ReactJS, Mongoose, Kanban, and MongoDB to provide a robust backend infrastructure for data storage and retrieval.
- Upgraded the application's backend by migrating the database from MongoDB to SQLite while maintaining Typescript and ReactJS, and incorporating Sequelize as the ORM library for improved database management.
- Collaborated with a dedicated team to develop E-Aid, a health-tech product that provides users with convenient access to verified medical experts through the application using MySQL, Jira, Typescript, ReactTS, Express and Sequelize.
- Integrated Design Patterns, and Agile methods into Web Designs and Software Development while applying my knowledge of the Software Development Life Cycle.

Zedirax Multi Concept— Remote Software Engineer

Nov 2019 -Dec 2022

(Contract)

- Collaborated with cross-functional teams, including product managers, designers, and other developers, to deliver high-quality solutions on time and within budget
- Led the development of applications using TypeScript, GraphQL, MongoDB, and other technologies

SOME PROJECTS

[ZeeFlix](#): Full-Stack Application

- A full-stack movie rating platform that performs crud operations, and role-based access control (RBAC).
- Designed the architecture, flow diagram, and entity-relationship diagram.

Technologies Used - EJS, Express, TypeScript, SQLite3, Docker, Docker Compose

TECHNOLOGIES

- HTML
- CSS
- JavaScript
- TypeScript
- ReactJS
- ExpressJS
- SQL
- MySQL
- PostgreSQL
- MongoDB
- Firebase
- Test-Driven Development.
- Docker
- CI/CD Technology
- Redux
- Material UI
- Version Control with Git and GitHub.
- Microservice Architecture
- Kanban
- JIRA
- MS Office Suite

AWARDS/ HONOR

- Contributing Writer to NodeJS Documentation
- Honour Award by NYSC/ Local Government Chairman Orumba North Local Government

CERTIFICATION

- Google Africa Developer [Training Program](#)
- Scrum Fundamentals [Certified](#) (SFC)
- Meta Courses on [Version Control](#), [React](#), [Programming with JavaScript](#), Introduction to Frontend [Development](#)
- CFI - Professional Ethics
- Work Smarter, Not Harder: [Time Management for Personal & Professional](#)

Omifood - Front-end Application

- This is a food booking application
- Developed an application with pixel-perfect precision.

Technologies Used - HTML, CSS, JavaScript

HotelNow: Full-Stack Application

- A full-stack hotel booking platform that performs crud operations, and role-based access control (RBAC).
- Designed the architecture, flow diagram, and entity-relationship diagram.

Technologies Used - ReactTS, TypeScript, SQLite3, Express

E-Aid: Full-Stack Application

- A full-stack health-tech product that allows users to have access to verified medical experts
- Implemented restricted privileges and role-based authorization using JWT.

Technologies Used - ReactTS, TypeScript, MySQL, Express, Sequelize