CONTACT

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SKILLS

HTML 5 | CSS 3 | JavaScript (ES5, ES6, ES8) | React.JS | Next.Js | Typescript | Redux | Cypress | Jest | Git | GitHub | SCSS | Three Js | React three fiber | 3D web development | Third-party API integration | Web development | Cypress & Jest (TDD) | Agile | DevOps

OTHER TECHNOLOGIES

C# | .NET | Docker | Node.Js | Python | Flask | MongoDB | Linux & Bash

TOOLS I USE

Git | GitHub | Confluence | Slack | Trello | Figma | Canva | ZenHub | Jira | Kubernetes | GitHub Actions | Docker

EDUCATION

High school certificate (SSCE)
Federal science and technical college, Yaba

- SEP 2018 - SEP 2021
- Yaba, Lagos state. Nigeria

Certificate of completion
Aitech computer school

- OCT 2021 - APRIL 2022
- Lagos state. Nigeria

CERTIFICATIONS

React.Js development
URL https://bit.ly/3HgG6MD

DevOps engineering and concepts
URL https://bit.ly/3YroiWD

Cypress E2E testing
URL https://bit.ly/3YtEXZr

Cloud Computing
URL https://bit.ly/3QE08Gw

Agile project management
URL https://bit.ly/3P7lE4b

Data structures and algorithms.: In depth in C#
URL https://bit.ly/41BSKOu

React, NodeJS, Express & MongoDB - MERN
URL https://bit.ly/3n2Fgwc

React three fiber
URL https://bit.ly/3K7U58V

Docker and Kubernetes certification
URL https://bit.ly/3PlNjyl

Linux and Bash scripting certification
URL https://bit.ly/45ZCSHB

PRINCE C. ONUKWILI
SOFTWARE ENGINEER (FRONTEND)

CAREER OBJECTIVE

I'm Prince Onukwili a software engineer with two years of experience excelling in **Agile** and **DevOps** environments. I create immersive 2D and 3D app interfaces leveraging **WebGL, Three Js, React Js, Typescript, Redux, Webpack** and **Next Js**. My backend skills include **Node Js** and **C#.NET**. My proficiency in **Jira, Git, GitHub** and **GitHub Actions** ensures smooth collaboration, continuous integration, conducting of sprints and progress tracking. Test and Behavior Driven Development are my forte, leveraging **Jest** and **Cypress**. I also possess a strong familiarity with **Linux** and **Bash scripting**, enabling me to navigate and automate tasks efficiently in diverse computing environments. **Docker** and **Kubernetes** enables me to containerize apps and orchestrate containers consistently. I grasp cloud concepts like **IAAS, PAAS,** and **SAAS** for cloud-based projects. Notable apps I've developed are **GOPack, NigTrak,** and an **Online Auction** platform. I'm able to integrate frontend with backend/3rd-party APIs and produce error-free code via unit/E2E testing. With continuous learning, I provide impactful solutions for users and business success.

WORK EXPERIENCE

Full stack developer - React Js, Next Js, Node Js, C#.NET, Microsoft SQL

MOMAS LTD NIGERIA   JUL 2022 - JUL 2023

- **I streamlined application development by 20%** in my previous role through GOPack, a product I developed. It simplifies bundling projects into static files using pre-configured webpack, curbing plagiarism and expediting production-ready setups.
- **Boosted customer turnout by 15%** in my previous organization through a payment web app enabling easy energy/power payments using technologies like PayStack, Remita, and React Js.
- Created a real-time global personnel tracking software using MQTT, React Js, Node Js, and Google Maps, **yielding approximately 10% revenue increase for the organization**.

FEATURED PROJECTS

FREECODECAMP (Open-source)
Software tester

- Had the opportunity to contribute to the Freecodecamp project.
- I collaborated with others on the platform in the creation of **E2E tests** using Microsoft **Playwright**.
- **Fixed merge conflicts** by **rebasing** the feature branch to the main branch

NIGTRAK
Frontend developer

- Utilized tools like **MQTT**, **React Js, Typescript**, **Google maps** etc. to develop a **real-time tracking software and inventory system**, which tracks registered personnel and their assigned gadgets around the world in real-time via the application installed on their device.

(**N.B: THIS IS THE DEMO APP INTERFACE DUE TO THIS BEING A PRIVATE PROJECT! SIGN IN WITH RANDOM CREDENTIALS**)

ONLINE AUCTION (Auctioning website)
Full stack developer & founder

- Crafted an **online auction platform** on Fiverr enabling users to list, bid, and receive email notifications for expiring products and highest bids.
- **Utilized Next Js for SSG and SSR** which allows for better SEO optimization compared to React Js applications.
- Employed **React.Js** and **Next.Js** for the frontend and REST API, integrated **MongoDB ATLAS, Redis,** and **Cloudinary** for caching and database management, and utilized **Docker** to deploy to cloud containers.

3D MATERIAL EDITOR
3D web developer

- Developed a **3D web editor** leveraging tools like **Three Js**, **React three fiber** and **drei**. The website mimmiks an ecommerce shop by giving the users ability to edit a product to their taste on an online editor, giving them a 3 dimensional preview of how the product would look like when ordered.