






CONTACT

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SKILLS

HTML 5 | CSS 3 | JavaScript (ES5, ES6, ES8) | React.JS | Next.Js | Typescript | Redux | Service workers | 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 | Express.Js | Python | Flask | MongoDB | Linux & Bash | Google Cloud

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/4laqtiD>

Cypress E2E testing

URL <https://bit.ly/3YtEXZr>

Cloud Computing

URL <https://bit.ly/3QE08Gw>

Agile project management

URL <https://bit.ly/3P7IE4b>

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/3PINjyl>

Linux and Bash scripting certification

URL <https://bit.ly/45ZCSHB>

PRINCE C. ONUKWILI

SOFTWARE ENGINEER

CAREER SUMMARY

I'm Prince Onukwili a software engineer with over 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**. I'm also capable of creating **progressive web apps** using **Service workers**, and implementing features like **client-side caching**, and **web-notifications**. My backend skills include **Node/Express Js** and **C#.NET**. My proficiency in **Jira, Git, GitHub** and **GitHub Actions** ensures smooth collaboration, CI/CD, conducting of sprints and progress tracking. Leveraging **Jest, Playwright** and **Cypress** i implement test driven development. I also possess a strong familiarity with **Linux** and **Bash scripting**, enabling me to navigate and automate tasks efficiently in diverse computing environments. I'm familiar with **Docker, Kubernetes** and **Google cloud** for deploying app containers to cloud platforms. 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

JUL 2022 - JUL 2023

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

MOMAS LTD NIGERIA

- **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

GO.Charity (Auth microservice)

Full stack developer & founder

- Utilized **Node, Express Js, Typescript**, and **MongoDB** in the creation of a RESTful API microservice which authenticates user's access to a crowd-funding project.
- Implemented a **CI/CD workflow** that tests and builds the feature branch on every pull request to the master branch before merging.
- Integrated **Swagger API** for documenting the API endpoints.
- Implemented Unit and integration testing using libraries like **Jest**, and **SuperTest**.

ONLINE AUCTION (Auctioning website)

Full stack developer & founder

- Crafted an **online auction platform** using **Next Js** enabling users to list, bid, and **receive email notifications** for expiring products and highest bids.
- Implemented a **CI/CD** workflow which deploys the app container to **Google Cloud Run** serverless platform..
- Made the web app a **progressive web app** which can not only be installed on a user's device, but also supports **caching of client-side resources, Web notifications** (when a user gets out-bid) e.g. pages, images, etc and **offline support**.

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

PLEASE TURN OVER

FEATURED PROJECTS

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)

3D MATERIAL EDITOR

3D web developer

- Developed a **3D web editor** leveraging tools like **Three Js, React three fiber** and **drei**. The website mimiks 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.