

# ODINAKA JOY

## SOFTWARE ENGINEER



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## PROFILE

I am a Software Engineer with over four (4) years of experience, about two (2) years as a PHP developer and over two (2) years as a JavaScript full-stack developer. My strongest skills are React.js, Node.js and Express.js. I can take a project from design to product, using the best tools and architectures based on the project's needs. I have basic knowledge of project and people management and I have led the completion of two projects (an ERP and an e-learning system) from start to finish. I am passionate about coding, open source and education. I am confident, curious and adaptable. I am timid sometimes but I write if I can't bring myself to talk. I have worked for/with different organizations like startups, training/education, e-commerce, and open-source organization, in-person and remotely. I have a good understanding of system design and different software architectures, and with empathy, I tend to produce quality solutions.

## TECHNICAL SKILLS

HTML   4 Years	CSS   4 Years	JavaScript   4 Years	TypeScript   2 Years	React.js   2 Years	Next.js   2 Years
Node.js   2 Years	Express.js   2 Years	PostgreSQL   1 Year	MongoDB   2 Years		

## WORK HISTORY

### Software Engineer @ AcceleratorApp - <https://www.acceleratorapp.co>

February 2022 - Present

#### Project - AcceleratorApp

AcceleratorApp is a startup management application that incubators use to request applications from startups, manage and track the process, and assign/monitor mentors, staff and coaches. The project is being built for a scale of over a million users. I fix bugs, update existing features and implement new features. Some features I have worked on include a sorting feature on users, User skill collection, User data export as an Excel document and a Course Module (startup members could take courses on the platform as a form of training).

**Skills** - HTML, CSS, TypeScript, React.js, Node.js, Express.js, MongoDB, GraphQL API, REST/RESTful API

### Web Developer @ Loctech IT Solutions - <https://www.loctechng.com>, <https://kingsooerp.com.ng/>

October 2021 - January 2022

#### Project - Loctech Company Website

I led a team of two (2) to build the Loctech company website with an e-learning system integrated into it. I built the course module, with features for lecturers to add course materials, lecture schedules and lecture details. The students could also enrol for a course by paying on the platform for it (I used PayStack for the payment solution).

I also led the completion of an Enterprise Resource Planning application with four team members from start to finish. The application covered recruitment, operations, accounts and client management. It has different roles - Super-admin, admins, Human Resources, Operations, Accountants and Staff. I built the REST APIs and UI for Authentication and Authorization with JSONWebtokens, Human Resources and Operations modules.

**Skills** - HTML, CSS, TypeScript, React.js, Next.js, Node.js, Express.js, MongoDB, GraphQL API, REST/RESTful API

### Outreachy Internship @ OCaml Labs - <https://ocaml.org/graphiql>, <https://github.com/ocaml/ocaml.org/pull/78>

May 2021 - September 2021

#### Project - Opam Package Search

Opam, an OCaml package manager, has so many packages that help OCaml developers reuse functionalities without writing

them from scratch. My project is to make the packages accessible. Users can simply request a particular package by name or by version, search through the packages by providing some letters that are part of the package name, or get all versions of a specific package, and so on. I designed a GraphQL API that can take the above queries and return the desired result.

**Skills** - HTML, CSS, JavaScript, OCaml, GraphQL API

**Frontend Developer @** Metrova Technologies - <https://metrovatech.com>

March 2020 - May 2021

I wrote modern, performant and maintainable code for many clients. I worked with a variety of different languages, platforms, frameworks, and content management systems. I started out working with the tools I was good at. After three months, I started working with TypeScript, JavaScript frameworks and Content Management Systems.

**Skills** - HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, WordPress

**Web Developer @** Xircom ICT Limited - <https://www.linkedin.com/company/xircomict-limited/about/>

September 2018 - January 2020

I trained staff and interns on website design and development and also built web solutions for businesses. About 60% of my students are now professional developers. I also helped the company generate revenue by suggesting we add web training to our services. It turned out very successful and I was appraised for the suggestion.

**Skills** - HTML, CSS, JavaScript, PHP, MySQL, WordPress

**Junior Web Developer @** Cloud Office - <https://cloudoffice247.com>

March 2018 - August 2018

CloudOffice is an Enterprise Resource Planning application for businesses. I worked on optimizing the application's assets and saving them on Clouinary. The application was built in such a way that users don't need to upload images of their products instead, they select. My task was to work on this section of the application and upload all possible products. CloudOffice turned out a huge success with over a hundred businesses using the platform to manage their businesses and accounts

**Skills** - HTML, CSS, JavaScript, PHP, MySQL, WordPress

## SIDE PROJECTS

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**Quiz App** - [https://github.com/dinakajoy/quiz\\_app](https://github.com/dinakajoy/quiz_app)

A simple 10 minutes timed programming quiz application I built to try out Next.js and SWR for data fetching and pagination

**Skills** - CSS, TypeScript, Next.js, Node.js, Express.js

**Mini-Netflix** - <https://github.com/dinakajoy/mini-netflix-movie-app>

A movie app where users can view recent movies and add or remove favourite movies if authenticated and authorized.

**Skills** - CSS, TypeScript, React.js, Node.js, Express.js, REST API

**Save The Princess** - <https://github.com/dinakajoy/save-the-princess-game>

A simple game built with React that allows users to enter the size of the board (game space) and then auto-generate a grid with the player and obstacles to defeat in order to win. The arrow keys or the keyboard numbers "2, 4, 6, 8" on mobile devices, are used to move the player around the grid

**Skills** - CSS, JavaScript, React.js

**Mini-Marvel** - <https://github.com/dinakajoy/mini-marvel>

This is a replicate of Captain Marvel's Home page, with the Connections section replaced with Captain Marvels Comics. Some features included are lazy loading, search and filter.

**Skills** - CSS, JavaScript, React.js, Marvel's API

## EDUCATION

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September 2011 - October 2016

Federal Polytechnic Nekede, Owerri, Imo State, Nigeria

H.N.D. Computer Science