

Bipnelo Dumka

Software Architect

<https://dumkabipnelo.website>



An architect in software developmental planning, deployment & co-ordination of secured systems and structures. That mirrors strategies that enhances the status and growth of an eco-systems, firm, or company and orchestrates systems of platform for development.

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While currently located at Port-harcourt Nigeria, I'm not limited by geographical constraints and exploring availability view my portfolio at <https://dumkabipnelo.website>

Experience and accomplishments:

* Web-content Manager/Software Engineer at Yiwuke Limited.

In 2018-2020, I was given the opportunity to manage a warehouse website built with WordPress and also maintain the warehouse database systems that helped locate the location of goods/items in a vast warehouse environment

The software designed with Java SDK 7 (Android) was built to work with scanners and a monolithic server architecture.

My service improved the software as to detecting bugs and errors and also creating SEO techniques to make the website have more online presence, which can be visited at <https://yiwukeltd.com>

- International Institute of Academic Research and Development

In 2022 I was given the opportunity to work as a software developer at IIARD, a journal publication company

This company exposed me to Advanced SEO tools and techniques, as well as Doi, Crossref, Worldcat, and other third-party systems for integration

While at IIARD, I was able to update their systems designs, build an email crawler, false email identifier programs, Anti-mailing mechanism(Dmarc, rua Records), and Marketing Mail templates

With these tools the business increased in management services, error free publication of articles, and instant appearance of articles on Google indexing.

Tools i utilize at iiard included

Linux bash, PHP 7, Bootstrap 6, python3(for automated programs), fluterwave for payment gateway, and many more...

The official site can be visited at <https://iiardjournals.org>

- The International Journal of Education and Evaluation (IJEE)

I was given the opportunity to build a system for a journal publication company in Italy called IJEE at which I used tools like Reactjs with inertia.js vite-bundler and laravel 10.x

Was hosted on Namecheap and CMS with Cpanel.

Can be visited at <https://ijee.io>

- Getlinked

I also participated in a hackaton called getlinked, at which i used Nextjs13.4, anime.js, and React to build its design and hosted on Vercel Can also be visited at <https://getlinked-main.vercel.app>

- Cohort-6

I built an experimental site with PHP 7 and bootstrap for login and encryption mechanism, where I explored SQL injection and some penetration tests.

Which can be visited at cohort-6.atwebpages.com/login.php with elegant UI

- ZORIN

I also experimented with Frontend development by cloning the ZORIN operating systems in a web interface manner using HTML5 CSS Javascript and three.js

Which can be visited at <https://api.iiardjournals.org/ZORIN/index.html>

(Note the password is Dumka)

- Cohort6-lab

I have also be given the opportunity to participate in an open source project called Cohort which is currently till on development and its using tools like Django, Laravel and Nextjs13.4 and Docker Containers

A courtesy of Cohort_6 Laboratory at <https://github.com/Cohort6-lab>

- Prol

On a project called Prol where I explore the code possibilities with Python Django and Nextjs13.4 App Router with Apollo Clients for GraphQL

Currently on Development and repo is private

- Quantum Designs

Also designed Quantum Designs The Ultimate Portfolio builder for Researchers And Scholars using Reactjs, Github, Git-Actions, Vite and (PHP of Server-side).

can be visited at <https://quantumdesigns.site>

I have hosted and managed domains with platforms like Bluehost, Awardspace, Siteground, Google Cloud, namecheap (cpanel) and Vercel.

Tools and framework that I use for frontend includes stacks like

Reactjs with inertia.js vite-bundler, webpack-bundler, Nextjs13.4 App Router and Apollo Client And sub-libraries like animejs GSAP, Three.js and Tailwindcss and bootstrap for styling

While for backend I use PHP 8 with Laravel 10.x

Or python3 with Django and Javascript with Node.js(express)

Others includes knowledge of Dart with Flutter and Java with SDK 7 android-studio and Git with Github and coding with Vscode and its extensions

Certifications:

includes Software Development at Alx and
Currently an undergraduate at the dept. Library and information science University of Port Harcourt.

I love both Solo and team work and also love to explore possibilities while coding and designing.

References: provided upon request