



Aike Nyan Lynn Oo

Software Developer (Front End / Back End)

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Summary

- Over 4 years of web Full Stack Developer (currently working as Frontend Developer, learning NestJS for career development)
- Armed with a distinguished Bachelor's degree from the University of Information Technology (UIT) Yangon.
- Proficient in leveraging React, NextJS, Redux, Redux Toolkit, Tailwind, Material-UI Node (ExpressJS, NestJS), MongoDB and REST API integration
- Committed to crafting highly reusable UI components and Design System Library using ReactJS & TypeScript
- Recognized for optimizing platform efficiency and achieving high satisfaction rates.

Work Experience



Frontend Developer • ONOW

February 2023 - Present (On-Site) **Over 1 years**

- I developed Content Management System (CMS), one big achievement using NextJS/SSR/CSR, Material UI, and Redux Saga, integrating with REST APIs ensuring high performance and Lighthouse scores.
- I was hired to build the CMS with React(NextJS) by the company and I contributed to the company's post-pandemic profitability by implementing CMS.
- Built another milestone, design system library to reuse in future products using React, TypeScript, MUI, Storybook, Style Dictionary, React Design Patterns (HOC, Render Props, etc.), CI/CD



Full Stack Developer • JKT Myanmar International Co., Ltd.

August 2020 - December 2022 (On-Site) **2.5 yrs**

- I developed the JKT website from scratch using HTML, Bootstrap, CSS, jQuery, and PHP to showcase the company's activities and training courses.
- I Built the Web Crawling System to crawl job recruiting sites to analyze market competition using React, ChartJS, NodeJS, Puppeteer, Google Cloud Run, Google Cloud Scheduler, BigQuery and Docker.
- I collaborated closely with remote development team from Japan in Japanese Language and led the Myanmar development team mentoring my juniors



Frontend Developer / API Developer • Freelance

January 2019 - Present

- I specialize in React development, proficiently utilizing Bootstrap, Tailwind, Framer Motion, and REST API integration to create dynamic and responsive web applications.
- Experienced NodeJS developer proficient in ExpressJS and MongoDB. Specializing in JWT authentication, account registration, and authentication for secure and seamless user experiences.



Web Developer Internship • Ahtaroo Co., Ltd.

October 2019 - October 2019 (On-site) **1 month**

- I trained and entrusted with responsibilities as a junior web developer, I excel in utilizing PHP and VueJS to create dynamic and responsive web applications.
- My dedication to ongoing learning and development ensures that I contribute effectively to project success while continually enhancing my skills in these technologies.

Project Experience

Content Management System (2023-2024)

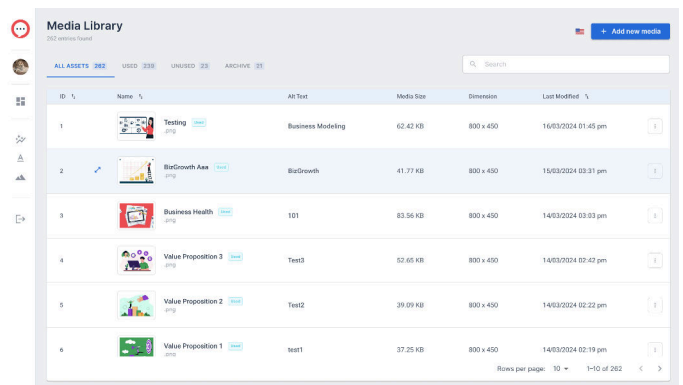
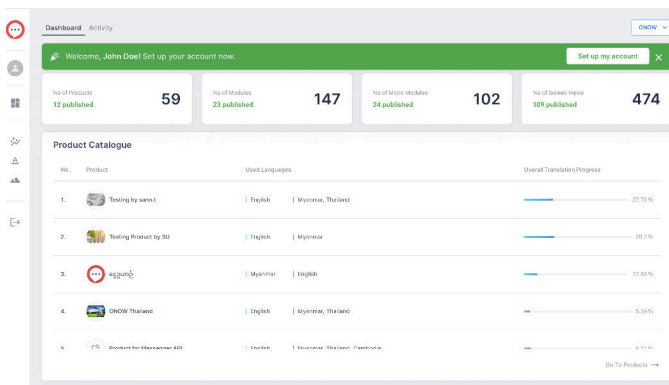
From the frontend perspective, I participated in the development of the CMS (Headless) managing diverse API requests seamlessly and balancing performance & user experience. We built its interface to ensure user-friendly navigation and efficient content management. Content includes images, videos, audios and texts. Closely working with UIUX designers and backend developers, I built faster and useful content management system based on various rendering techniques of NextJS for my company. Moreover, we used design tokens for faster development (UIUX to Production transparency).

Technologies

NextJS, MUI, Design Tokens, Styled Dictionary, Redux, Redux Saga, Redux Toolkit

Problem Solved

- Before the CMS, our content creation team have to put and retrieve a lot of data in Google Sheets & it was painful to handle many data with spreadsheets. After CMS, easily manage data across the platform (including drag and drops, bulk uploads).
- Before CMS, if the content team want the data to be delivered to channels, they have to copy/paste the data from spreadsheets to desired platform. After CMS, they only have to create the content in our CMS and fully control to deliver data to any target channels (telegram, messenger, etc.). We have APIs to connect our headless CMS to those channels.
- Before CMS, data is raw and not manageable. We can't see how many strings are translated or how many fields are filled. If we want to find relevant data, it was painful. After CMS, we have dashboard to see the status and intelligent data of how the content is stored (translation percent, completed fields percent, live contents, etc.)



Design System (2023-2024)

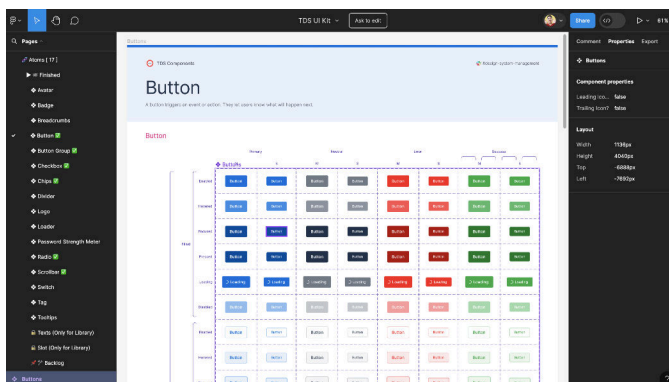
We built a design system library, mainly crafted with React, a milestone in my frontend development. By integrating design tokens and employing design patterns such as (the HOC and Render props etc.) and great tools such as (TypeScript, Storybook, Styled Components, etc.), I created highly reusable and adaptable UI components customizing/extending the MUI components. This project aimed to revolutionize UI development by offering a comprehensive set of guidelines and reusable components, facilitating seamless integration and consistency across all future products. Utilizing Style Dictionary, design tokens are transformed into usable JS tokens, ensuring coherence and efficiency in our development workflow.

Technologies

ReactJS, MUI, Design Tokens, Styled Dictionary, React Design Patterns, TypeScript, Storybook

Problem Solved

- Before the Design System Library, we have to develop components for a specific product. Even if the components are reusable, we have to copy/paste the reusable component into our new project. After Design System, we can easily install our library and extend the UI styles to any format we want to.



Design in Figma



Design System

Personal Projects

Discord Website Clone (2022)

The project replicated [Discord Website](#) frontend, including navigation, animations, and **Responsive design** for all devices, aiming for a seamless user experience akin to the original site. During the pandemic period, I was refreshing my frontend skills and good practice. As a part of it, I built the clone website of Discord with the following technologies.

Repo-> <https://github.com/AikeNyanLynnOo/discord-clone-next>

Technologies

ReactJS (NextJS), Typescript, TailwindCSS, Framer Motion (for animations)

Url Shortener Web (2021,updated 2024)

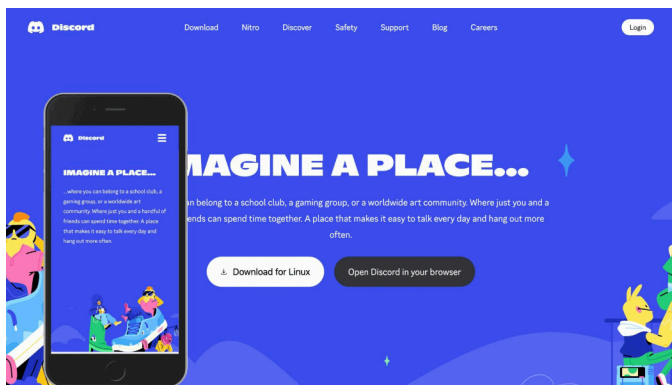
Sometimes we struggle for shortening links at websites with full of Ads and it is annoying. So I developed a Full Stack project utilizing React, Tailwind CSS for UI and MongoDB, NodeJS to shorten URLs efficiently. Additionally, implementing browser storage to retain recent shortened links for enhanced user experience upon returning to the application. My next plan for this app is authentication, user management, validation for links, store user's recent shortened links in server and much more features.

Repo (Frontend) -> <https://github.com/AikeNyanLynnOo/url-shortener-react-api>

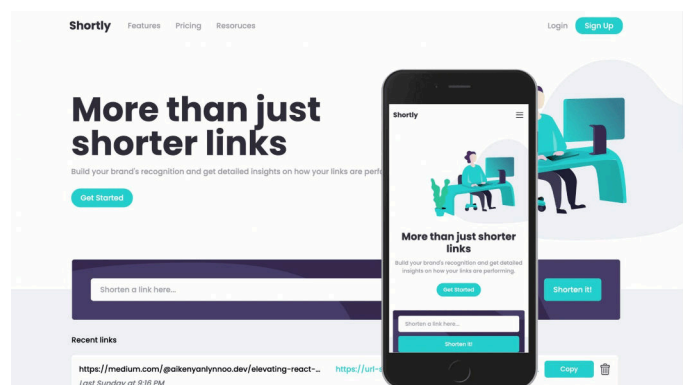
Repo (Backend) -> https://github.com/AikeNyanLynnOo/url_shortener_api_node

Technologies

React, Tailwind CSS, MongoDB, NodeJS



Discord Website Clone



Url Shortener

Skills

Frontend

- Bootstrap/Tailwind

Backend

- NodeJS (ExpressJS, NestJS)

Database

- MongoDB

- ReactJS/NextJS
(Redux, ReduxSaga, Redux Toolkit)
- VueJS
- MaterialUI
- PrimeReact
- AntDesign
- JQuery
- Axios
- TypeScript
- Framer Motion

- PHP

Others

- Git
- Google Cloud Platform (Cloud Run, App Engine, Cloud Scheduler)
- Docker

- BigQuery
- MySql
- Firebase

Bundling/Testing/Dev patterns

- Webpack, Gulp, Grunt, Babel
- Jest, Enzyme
- MVC, Reducer patterns, Flux, HOC, Render props, CSR, SSR, SSG, ISR

Education



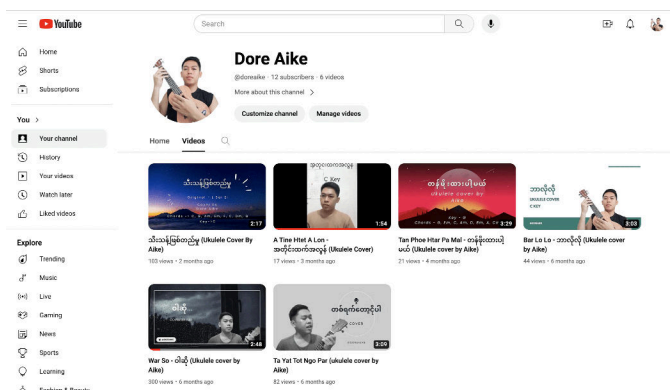
2015 - 2021

University of Information Technology Yangon

Bachelor of Computer Science (B.C.Sc.)

I earned a Bachelor of Computer Science degree from the University of Information Technology Myanmar (UIT). Throughout my academic years, I actively participated in various activities and completed numerous school projects. I am passionate about developing and managing software systems, with a particular focus on websites, CMS, e-commerce, machine learning, and algorithms. Eager to contribute to innovative software solutions, I am committed to leveraging my education and experiences for impactful advancements in the field. Additionally, I actively engage in sports activities such as soccer, table tennis, and badminton, where I achieved a gold medal in Men's Doubles at the University Championship.

Hobbies



Singing / Playing Ukulele

My biggest hobby is singing and playing instruments. I was a stage enjoyer since my childhood and used to participate in any of school events as a vocal performer.



Badminton

Badminton is a significant passion of mine, highlighted by my 2017 gold medal in University Badminton Men's Doubles. I trained extensively at my university under

Singing and playing instrument release my stress. Sometimes I feel tired of my work and lack of ideas. At that times, I pick up my Ukulele and start singing. It is always a comfort zone and give me better ideas and even help me debug in my coding process. My artist name is "Dore Aike". You can search on Google and subscribe me. I also have a youtube channel and currently trying to be a YouTuber.

the coaching of professional coaches. I have a great passion for playing badminton, and it never disappoints me to hold the racket. I actively play on weekends with friends, continuously refining my skills and striving for improvement. Sometimes, on TGIFs, I take my coworkers to the badminton court and play together.

Languages

- Burmese - native
- English - Professional
- Thai - Begineer
- Japanese - Conversational