Myo Thu Ko

Experienced Frontend Engineer (React, Nextjs)

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Location: Malaysia

Professional Summary

Dynamic and results-driven software engineer with extensive experience in the FinTech industry. Proven track record in leading teams, managing projects from inception to completion, and designing robust database and API structures. Adept at collaborating with cross-functional teams to enhance product features and improve team performance.

Technical Skills

- **React.js** – 5+ years
- **JavaScript (ES6+)** – 5+ years
- **HTML5 & CSS3** – 5+ years
- **RESTful APIs / Integration** – 4+ years
- **Version Control (Git)** – 5+ years
- **Testing Frameworks (Jest, Mocha, Enzyme, etc.)** – 3+ years
- **Linux Environment** – 5+ years
- **WebPack, Babel, Npm, Yarn** - 4+years
- **Languages & Frameworks**: React, React Native, Redux, NextJs, EmberJS, NodeJS, JavaScript, TypeScript, HTML, CSS
- **Databases**: MongoDB, SQL
- **Tools & Platforms**: Digital Ocean, AWS, Git (GitHub, GitLab, Bitbucket), Jest, React Query, React Hook Form, Shadcn-UI
- **Development Practices**: Agile methodologies, Continuous Integration/Deployment (CI/CD), UI/UX design principles

Work Experience

Senior React Developer
Maybank | **June 2024 - Present**

- Developed a Campaign Management System using NextJS, TypeScript, and Tailwind.
- Created a dynamic data table for project-wide use with React Table and React Query.
- Implemented comprehensive test coverage with Jest, ensuring system reliability.
- Automated deployment processes with GitHub Actions, enhancing efficiency.
- Designed a dynamic data visualization component, improving user insights.
- Conducted code reviews and mentored junior developers, fostering a culture of learning.
- Developed a workflow automation configuration project, contributing to both frontend and backend development efforts.

Technical Team Lead
Vidya Media Myanmar | **November 2021 - November 2022**

- Led a team in developing a learning platform using NodeJS, React, and React Native.
- Managed project planning, team assignments, and Agile sprints.
- Designed and developed an Admin Portal with ReactJS and Redux.

Software Engineer
AYA Innovations Lab | **December 2022 - May 2024**

- Contributed to the development of AYA Pay Wallet and the Buy Now Pay Later product.
- Developed merchant and admin portals using React and NodeJS.
- Participated in database design and security implementations.

Frontend Developer / System Developer
Dinger | **December 2019 - October 2021**

- Developed an e-commerce platform, Dinger Shop, enhancing online shopping experiences.
- Created a Payment Gateway solution, enabling merchants to manage transactions seamlessly.

Education

Bachelor of Computer Science (B.C.Sc)
University of Computer Studies, Yangon | Graduated: February 2020

- Specialization in Software Engineering

Additional Information

- **Notice Period**: 1 - 2 month
- Need Visa Sponsorship

Contact Information

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Projects

- **Dinger Shop**: Developed an online e-commerce platform, enabling shops to manage products and transactions efficiently.
- **Dinger Payment Gateway**: Contributed to a SaaS payment gateway, facilitating multiple payment channels for merchants.
- **Buy Now Pay Later (BNPL)**: Designed a platform allowing customers to make purchases with flexible payment plans.
- **Maybank Campaign Management System (Frontend)**: Built a responsive and scalable campaign management web app using Next.js, TypeScript, and Tailwind CSS. Integrated dynamic components, reusable data tables, and visualizations to support marketing operations.
- **Maybank Workflow Engine Configuration Platform (Fullstack)**: Designed and developed a configuration platform for workflow automation using **Next.js**, **TypeScript**, and **NestJS**. Contributed to both frontend and backend layers to enable seamless creation and management of business rules.

<u>Dinger Payment Gateway</u>

(https://portal.dinger.asia, https://dinger.asia)

<u>Tech: React, NextJS, Redux, Redux Thunk</u>

Contribute to the development of a cutting-edge Payment Gateway solution, like 2C2P, as a Software-as-a-Service (SaaS) offering. This gateway empowered Digital Merchants to seamlessly connect with their customers through multiple payment channels, including banking and mobile wallets. The project provided an intuitive portal for merchants to monitor their transactions, toggle payment channels on and off as they want, and implement middleware for seamless redirection to the respective payment channels based on merchant site requests.

Additionally, a user-friendly Form Payment system was developed to facilitate easy integration for merchants.

Role: In this multifaceted project, I served as both a Frontend Engineer and contributed to the database design as a System Engineer. My responsibilities included crafting an engaging and efficient user interface for the merchant portal, enabling streamlined transaction management. Simultaneously, I played a semi-core role in developing the system's database architecture to ensure optimal performance, data security.

- Successfully delivered the Dinger Payment Gateway, a robust and versatile solution for merchants.
- Enabled merchants to connect with customers through various payment channels, enhancing their accessibility.
- Developed a dynamic portal for merchants to manage transactions and customize their preferred payment channels.
- Implemented middleware for seamless redirection, optimizing the payment process.
- Created a user-friendly Form Payment system for easy merchant integration.

<u>Project: Buy Now Pay Later (BNPL)</u>

{AYA Pay => Credit Card Application => Buy Now Pay Later}

<u>Tech: React, NextJS, NodeJS, MongoDB, Formio</u>

Buy Now Pay Later (BNPL) e-commerce platform, revolutionizing the online shopping experience. The project focused on providing customers with the flexibility to make purchases and pay in convenient installments. This platform seamlessly integrated BNPL options into the e-commerce workflow, allowing users to shop for products and choose flexible payment plans during the checkout process. I played a semi-core role in multiple aspects, including frontend and backend development, database design, and system architecture.

Most Unique Features:

- Client Management: Designed and implemented a client management system, allowing businesses to leverage BNPL services for their customers.
- Merchant Integration: Developed integration mechanisms to onboard various merchants, enabling them to offer BNPL options for their products.
- Product Catalog: Created a centralized catalog for Brands, Models, and Common Products, Products (products depending on client or merchant) listings across the platform.
- Customer Applications: customer application process by using an easy way to apply, enabling customers to apply for BNPL serv**ices and access related client products.**