EDWARD PHYO

Front End Developer | Web Optimization | React.js | Next.js | Agile Development

+66960913860 • edwardphyo115@gmail.com • https://www.linkedin.com/in/edward-phyo • https://edwardphyo.vercel.app

Summary

A front end developer with experiences in building complex dashboard applications with data-grids and charts, utilizing my unique knowledge combinations of data-analytics and front end technologies. Proven successes in enhancing site performance and user experiences utilizing web tools like google lighthouse to improve site performance and SEO scores.

Work Experiences

The Techy Hub
Kurla Lumpur, Malaysia

Front end Developer
03/2024

- **Performed code reviews** on interns to uphold company code standards and assisted them in learning process.
- Developed **interactive data visualisation charts** using Recharts.js, achieving a **25% increase in user engagement** on dashboards through intuitive data presentation.
- Implemented **high-performance, feature-rich, and fully customisable Data Grids** using TanStack Tables, enhancing data manipulation speed by **30%**, which improved overall dashboard efficiency.
- Maintained high standard of code quality adhering to the SOLID principles, and applying best pratices, resulting in maintainable and scalable code and less buggy codes.
- Designed and implemented composite UI components using the ShadCN components library, increasing code reusability by **50%** and reducing development time for new features by **20%**.
- Worked closely with the product team to deliver high-quality, **responsive**, and **mobile-first** designs on time, following Agile methodologies for efficient project management
- Implemented innovative projects aimed at enhancing the economic and educational outcomes for Malaysian communities through technology-driven solutions.
- Enhanced campaign visibility and tracking of google ads using integrated with for extracting valuable user informations from the sites.
- Delievered projects on time by collaborating with multi-cultural teams using Zoom, Discord, Blue and ClickUp, for keeping tracks of backlogs and time management.

Projects

Singapore Youth League (Website Revamp)
Singapore

01/2025 - Present

A revamped website of the original Singapore youth league website, with a brand new design, in addition to adding new features and pages such as popover announcement, venue page where the layout map of the football field is shown, improved blog page and contact us page. Currently still in testing phase.

Technologies : React | Next.js | TypeScript | Shad CN | Payload CMS | Tanstack Query

- **Supervise the team of frontend interns,** in developing UI Components and utilities functions to ensure company coding standards are follow through by doing pull request reviews.
- **Assisted in developing more complex UI** such as announcement popover, breadcrumbs with auto route naming, and troubleshoot layout bugs in the frontend.

Happie-Token
Malaysia

08/2024 - Present

Happie-Token is an **online voucher marketplace** where merchants and businesses can create and sell vouchers to potential buyers. These vouchers are then distributed to customers, who can redeem them at participating outlets or stores to enjoy various products and services.

Technologies : React | Postgres | Next.js | TypeScript | Shad CN | Postgres | Rechart | Tan-stack Table | Server Side Rendering | Kysely

- **Developed interactive charts** using Rechart.js to visualize key revenue metrics and customer demographics (gender, age groups, location), empowering merchants and outlets with actionable insights into customer behavior.
- **Engineered a comprehensive user dashboard** with a robust data grid for seamless creation, editing, and deletion of vouchers, users, and website content, enhancing operational efficiency.
- **Collaborated closely with the design team** to conceptualize, design, and implement user-centric web pages and reusable components, ensuring a cohesive and engaging user experience.
- **Optimized web performance** by integrating Next.js server actions with React Query for lightning-fast data fetching and implemented server-side rendering (SSR), reducing page load times by 25% and improving overall site speed.

Ckp Dashboard

<div align="right">Malaysia
06/2024 - Present</div>

A dashboard application developed for Chia, Ka & Partners PLT in Malaysia to manage and record financial transactions between companies, serving as an intermediary. The platform includes features for generating invoices, bank statements, and payment documents, streamlining financial operations.

Technologies: React | Postgres | Tanstack Table | Tanstack Query | Typescript | Tailwind CSS | Kysely

- **Transformed dashboard design** concepts into functional features, including interactive charts for tracking revenue, subscription data, payments, and customer insights.
- **Leveraged Tanstack Tables** to build advanced data tables with robust features such as filtering, sorting, and seamless creation of new data entries.
- **Implemented type-safe forms** for creating invoice and payment documents, ensuring data integrity. Developed approval workflows for invoices and payments, facilitating seamless transaction completion between different users.
- **Engineered 40 custom UI components and 30 pages**, optimizing responsiveness and ensuring cross platform and devices compactibilities.

Education

University of Wollongong
Bachelor of Computer Science Big Data

<div align="right">Singapore
04/2022 - 09/2024</div>

Singapore Institute of Management
Diploma Information Technologies

<div align="right">Singapore
04/2021 - 12/2022</div>

Skills

Frontend Development

HTML · CSS · JavaScript · TypeScript · React.js · Next.js · Redux · jQuery · AJAX · Tailwind CSS · Material UI · Shadcn/UI · WordPress · Payload CMS

Backend Development

Node JS · Express JS · Nest JS · Django · Spring · Spring Boot

Databases

MongoDB · MySQL · PostgreSQL

Tools & DevOps

Git · GitHub · Docker · NPM · ESLint · Prettier

Design & Prototyping

Figma · Adobe XD

Libraries

React Router · Tanstack Router · Tanstack Table · Tanstack Query · Zod · Lucide icons · Kysely Query Builder · Swagger

Methodologies

Agile · MVC Architecture · Big Data

Programming Languages

JavaScript · TypeScript · Python · Java · PHP · C