

# Ken Yokohama

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## EDUCATION

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### De La Salle University

*Bachelor of Science in Civil Engineering*

Taft Ave, Malate, Manila

May. 2014 – Feb 2019

## EXPERIENCE

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### Software Engineer

*Yondu Inc.*

June 2022 – Present

*Panorama Tower, Taguig*

- Frontend Developer within the finance team, delivering robust web applications used by clients and stakeholders.
- Worked closely with UX/UI designers to translate wireframes and mockups into frontend components and features using frontend frameworks such as React.js & Next.js.
- Collaborated with the backend team to design and consume RESTful APIs, ensuring efficient data retrieval.
- Participated with cross-functional agile teams in sprint planning, estimation, and prioritization of user stories, ensuring accurate & achievable sprint goals and maintaining alignment with team members.
- Developed comprehensive unit tests using the Jest framework to ensure a sustainable and reliable codebase.
- Conducted regular code reviews and provided constructive feedback to team members to ensure code quality and adherence to coding standards.

## PROJECTS

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### Entrego Claims & Hub Management System

<https://claims-management-staging.entrego.org/>

*React, Typescript, Redux, Redux-Saga, Material-UI, SCSS, Python, Django, Java, Spring, PostgreSQL*

- Developed the front end of a comprehensive web-based platform that streamlined the end-to-end process of handling claims, from electronic claim submission & validation to real-time tracking & reporting using ReactJS.
- Integrated the Claims Management System to the existing HMS web platform to streamline user processes.
- Leveraged Redux for state management and Redux-Saga to asynchronously consume Django REST APIs..
- Implemented third party services such as AWS S3 and Created Templates for AWS Email Services & KeyCloak.

### Entrego Developer Portal

<https://developer.entrego.com.ph/admin>

*Next.js, Typescript, Redux, Redux-Saga, Material-UI, SCSS, Python, Django, PostgreSQL*

- Assisted in the development of the Developer Portal, specifically contributing to the ENMS feature set.
- Identified and mitigated a critical authorization vulnerability across multiple production websites, ensuring uninterrupted user access, and implemented a comprehensive fix.
- Utilized Material-UI to create a custom component library, ensuring consistent branding and modern design.
- Implemented Redux and Redux-Saga as the state management tool and asynchronous data fetching.

### Bug Tracking System

<https://ken-yokohama.github.io/Bug-Tracking-System>

*MongoDb, ExpressJS, React, NodeJS, Redux, Typescript*

- Developed a full-stack software issue management web application that allows developers to create tickets for their projects and admins to manage the progress of each developer using the MERN stack.
- Created a RESTf API using Node and Express to store project and ticket information to the MongoDB database.
- Secured user data using Bcrypt for authentication and Json Web Tokens to manage authorization to private routes
- Implemented Redux for state management and Material-UI following responsive Mobile First design practices.

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, TypeScript, Python, SQL, Bash

**Front-End:** Html, Css, jQuery, React.js, Next.js, Redux, Redux-Saga, Bootstrap, Tailwind CSS, Material-UI, Jest

**Back-End:** Node.js, Express, Django Rest Framework, AWS S3, AWS SES, Firebase, MongoDB, PostgreSQL

**Developer Tools:** Git, Npm, Docker, Vite, Postman, Chrome Dev Tools, VS Code, Slack

## AWARDS & CERTIFICATIONS

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### Civil Engineering License

*Philippine Professional Regulation Commission*

May. 2019 – Present