

# 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 (Front-end)

*Yondu Inc.*

June 2022 – Present

*Panorama Tower, Taguig*

- Developed and maintained existing codebases for their client Entrego, which includes their Cash, Claims, Bidding and Hub Management System using front-end libraries such as React.js & Next.js.
- Conducted regular code reviews and improved system quality by identifying recurring issues and developed standard operating procedures for unit-testing.
- Participated with cross-functional agile scrum teams in sprint planning, estimation, and prioritization of user stories, ensuring accurate & achievable sprint goals and maintaining alignment with team members.

### Cost Estimator

*Pioneer Specialty Building Systems Inc.*

March 2021 – June 2022

*New Manila, QC*

- Designed and developed the static landing page of the company, showcasing a list of their accomplished projects, the collection of their latest products, and an insightful breakdown of their innovative building systems.
- Created estimates & 3D Models and coordinated project details with engineers, architects and contractors.

## PROJECTS

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### Entrego Claims, Cash, Bidding & Hub Management System

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

- Optimized page speed by reducing redundant renderings and lazy loading components and images.
- Leveraged Redux for state management and Redux-Saga to asynchronously consume REST APIs.
- Created the unit testing infrastructure for the front-end and provided guidelines on best practices which increased code coverage to 80%, resulting in a substantial reduction in recurring bugs within the project.
- Migrated the depreciated auth services of multiple production websites to Google Identity Services.
- Implemented third party services such as AWS S3 and Created Templates for AWS Email Services & KeyCloak.

### Bug Tracking System

*MongoDB, ExpressJS, React, NodeJS, Redux, Typescript*

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

- 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.

### Ka-Chat

*Typescript, React, Firebase, Material UI, React Router*

<https://ken-yokohama.github.io/Ka-Chat>

- Developed a full-stack real-time chat application that allows authenticated users to privately chat each other 1 on 1 in real-time using Firebase as a Headless CMS and React in the front end
- Secured chat messages using Firebase Firestore Security Rules to scope accessibility of each user.
- Implemented Email and Google Authentication to validate user roles and streamline user data retrieval.

## 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.js, Django Rest Framework, AWS S3, AWS SES, Firebase, MongoDB, PostgreSQL

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