

Ken Yokohama

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EDUCATION

De La Salle University

Bachelor of Science in Civil Engineering

Taft Ave, Malate, Manila

May. 2014 – Feb 2019

PROJECTS

Twitter Clone

<https://ken-yokohama.github.io/Twitter-Clone>

React, Firebase, Material UI, React Router, Bad Words

- Developed a full-stack social media web application that allows authenticated users to tweet, like, comment, bookmark, chat, search and customize user profile using Firebase as a Headless CMS with React as the frontend
- Implemented Firebase Email and Google Authentication to validate and get data from users.
- Administered Firebase Firestore serving as a REST API and Firebase Storage to handle uploaded media files.
- Structured proper Security Rules to scope user requests and accessibility of database and media storage data as well as rules to prevent banned users from writing to the database.
- Styled with Material UI following responsive Mobile First design practices.
- Integrated React Router to enable single-page dynamic, client-side routing.

Kenterest

<https://kenterest.netlify.app/>

React, Sanity.io, Tailwind CSS, React Router, UUID

- Developed a full-stack social media web application that allows authenticated users to post, comment, save, search and customize user profile using Sanity.io as a Headless CMS with React as the frontend
- Implemented Google OAuth to authenticate and get data from users.
- Integrated Sanity.io CLI to handle database and file storage queries for uploaded pins and user profile data.
- Styled using Tailwind CSS and React Masonry following responsive Mobile First design practices.
- Integrated React Router to enable single-page dynamic, client-side routing.

EXPERIENCE

Cost Estimator

March 2021 – Present

Pioneer Specialty Building Systems Inc.

New Manila, QC

- Key Designer of Pioneer EcoSips Structures allowing for Innovative, Affordable and Energy Efficient Homes.
- Worked closely with Developers, Owners and Designers to ensure the project meets budget and schedule deadlines.
- Consistently delivered projects within budgets, client specs and building safety regulations.
- Estimated 70+ drawings, specifications, proposals and other project related documents.
- Design and Rendered over 20+ 3d Models using SketchUp and Revit following building code regulations.
- Assisted with the Value Engineering team by analyzing and preparing cost models of 14 designs to compare Conventional Design vs Pioneer EcoSips.
- Assisted with the Research team in creating the EcoSips Design Manual by providing the testing procedures, documents and machine specifications following ASTM international publications.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES5 and ES6), NoSQL, Markup, Bash, Cel, AutoIt

Front-End: Html5, Css3, jQuery, ReactJS, Bootstrap, Tailwind CSS, Material-UI, Framer-Motion

Back-End: Node.js, Express, Firebase, MongoDB

Developer Tools: Git, Npm, Chrome Dev Tools, VS Code, Atom, Hyper, Robo 3T

AWARDS & CERTIFICATIONS

Civil Engineering License

May. 2019 – Dec 2022

Philippine Professional Regulation Commission

Best Paper Award

Nov 2019

Geomate International Conference

Golden Thesis Awardee

Dec. 2018

De La Salle University - Civil Engineering Dept.