

Education

De La Salle University

Manila, Philippines

BS Computer Science Major in Software Technology

2021 – 2025

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Engineering, Machine Learning

University of Santo Tomas

Manila, Philippines

Senior High School

2019 – 2021

Technical Skills

Languages: Java, JavaScript, SQL, Python, C, Bash

Frameworks: Express.js, Next.js, Bootstrap, Tailwind,

Runtime: Node.js

Libraries: pandas, numpy,

Databases: MySQL, MongoDB

Developer Tools: Git, Docker

Projects

Slide | React, Node.js, Tailwind, WebRTC, WebSockets

December 2023 – January 2024

- Developed a real-time communication web application allowing users to connect with strangers through either text or video chat based on shared interests.
- Implemented a WebSocket server for handling user connections, channel creation, and real-time messaging.
- Utilized WebRTC to establish secure and efficient peer-to-peer connections for both text and video chat.
- Developed a responsive and user-friendly interface for initiating and participating in chats.

Suleat | Next.js, Typescript, Prisma, Tailwind

October 2023 – November 2023

- Contributed to the development of a social app for sharing food taste and experience.
- Collaborated within an agile team following Scrum methodologies to successfully deliver the client's needs.
- Designed user interfaces in Figma and translated design to responsive web application.

Palatable | MongoDB, Mongoose, Express, Node.js, Bootstrap, jQuery

June 2023 – August 2023

- Worked with a team to develop a dynamic web application for reviewing restaurants.
- Led the design and modelling of databases, ensuring seamless data storage and retrieval efficiency.
- Implemented functionality for user authentication, profile management, reviews, voting, and search.

2DFA Simulation | Java

August 2023

- Implemented a two-way accepter machine simulation, following Dexter Kozen's 2DFA principles.
- Developed the simulation engine to process user-input strings, determining acceptance or rejection.
- Simulated machine configurations dynamically, allowing users to explore and understand the 2DFA concepts interactively with the options for step-by-step or fast-run simulation.

Stock Portfolio Management App | Python, SQL, Jinja, Flask,

August 2022

- Developed a stock portfolio management web application with real-time stock data retrieval from IEX API and portfolio tracking.
- Improved user experience by implementing a clean and seamless user interface.