

Skills

Python | C | Java | JavaScript | VBA | React | React Native | Next.js | CSS | Firebase | HTML | Hugging Face API | Google Generative AI API

Experience

- Golden Island Pte Ltd | Software Developer Intern

December 2024 - Present

 - Learning how to train an AI model using the **Tabnet Architecture** to predict ships' location and tasks
- Sheares Web | Software Developer

August 2024 - Present

 - Working in a team of 13 devs to create mobile and web hostel applications with **React**, **React Native** and **Firebase**.
- Biz IQ Academy | Finance Executive Intern

April 2023 - June 2023

 - Streamlined financial payment receipts using **VBA**.

Projects

- Sheares App

August 2024 - Present

 - Working with 12 other developers to create a *Hostel Management mobile application*.
 - Used **React Native** to create a responsive mobile interface for newsletters, infographics and events.
 - Used **Firebase** to create the backend system for authentication, user information storage and event storage.
- Jobu

November 2024 - December 2024

 - A full-stack *job application tracker* using **Firebase** for data storage, live updates and secure user login.
 - Used **React** and **Tailwind CSS** to design a clean UI for job tracking and job application statistics.
- QuerySense

November 2024 - December 2024

 - A *CSV Data Analyser* using **Next.js** and **CSS** to support user querying, uploading CSV files and data visualisation.
 - Used **Google Generative AI API** to analyze CSV data and provide meaningful feedback.
- TheResumeGriller

November 2024 - December 2024

 - A *Resume Analyser* using **React** and **CSS** to offer a simple interface for uploading and analyzing resumes.
 - Used **Bart model** via **Hugging Face API** to generate actionable resume feedback.
- Imageination

November 2024 - December 2024

 - An *AI Image Generator* using **Next.js** and **CSS** to allow for user prompts and view generated images seamlessly.
 - Used **Flux.1 model** via **Hugging Face API** for text-to-image generation.
- HowTheFeels

November 2024 - December 2024

 - A *Sentiment Analyser* using **Next.js** and **CSS** to provide a clean interface for user input and sentiment output.
 - Used **Roberta-base-go model** via **Hugging Face API** for sentiment analysis.
- Gymmy

November 2024 - December 2024

 - A *Motivational Workout Companion App* using **React** and **CSS**.
- DarrnyDotCom

November 2024 - December 2024

 - An *Online Portfolio Website* using **HTML** and **CSS** to provide a responsive and aesthetic design.
- Maritime Navigator

October 2024 - October 2024

 - Worked with 3 other developers to create a *Ship Route Analysis Application*.
 - Used **Gradio** to link the backend to the frontend.
 - Used **Tabnet Deep Learning Architecture** to predict ship routing traffic based on given parameters.
- BrainBuddies

May 2024 - August 2024

 - Worked with 1 other developer to create a *Study-Buddy Matching application*.
 - Used **React Native** to create an intuitive front-end design for matching, study spot viewing and chatting.
 - Used **Firebase** for user authentication, matching and liking functionality and user data storage.
- Education
- National University of Singapore | Bachelor of Computing in Computer Science

August 2023 - May 2026 (Expected)

GPA: **First Class Honours**, Relevant coursework: programming methodology I and II, discrete structures, data structures and algorithms, computer networks, information security, calculus for computing, linear algebra for computing
- Hackathons
- CatalystX 2024 | Finalist

October 2024
- PSA Codesprint

October 2024