Darren Lim

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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*
- Currently in the learning process.

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*