Choo Liang Yi

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SUMMARY

Aspiring software engineer and business junior at Singapore Management University, currently enrolled in Rocket Academy's software engineering bootcamp. Seeking a summer internship to leverage experience in developing full-stack web applications using MERN and PERN stacks. Demonstrated ability to collaborate and adapt to new technologies quickly.

PROJECTS

CommonDocs | *Express, Socket.io, React Query, Sequelize, Postgresql, Material UI*
- Deployed Link: https://spiritandtime-movie-app.onrender.com/
- Developed a full-stack web application with user authentication using JWT access and refresh tokens, and login persistence via refresh token cookies.
- Implemented a real-time document editor using Socket.io, with restricted permission settings for different users
- Designed a nested folder and document system by creating tree data structures and traversing them

Movie App | *Express, Tailwind CSS, React Hook Form, React, MongoDB*
- Deployed Link: https://spiritandtime-movie-app.onrender.com/
- Built a full-stack web application with user authentication via JWT tokens created using an Express backend
- Integrated public APIs (tmdb API) to fetch movie data and render it on the frontend
- Implemented filtering system where users can filter for movies/tv shows that are popular or a particular genre

Invoice App | *Firebase, Chakra UI, React Hook Form, Redux*
- Deployed Link: https://spiritoftime.github.io/frontend-mentor-invoice-app/
- Developed a full-stack web application with user authentication using Firebase authentication and state management via Redux Toolkit.
- Implemented real-time updates to display user-created, updated, and deleted invoices using Firestore database as the backend.

EXPERIENCE

Private Funds Intern   May 2022 – Jul 2022

ARA Asset Management
- Automated the downloading of 1,600 PDF files by building a web scraper using Selenium and PyAutoGUI.
- Prepared deal slide decks and financial models, and presented findings to senior management staff.

EDUCATION

Rocket Academy

Computer Science Software Engineering Bootcamp   *Nov. 2022 – Aug 2023*
- 8 month software engineering bootcamp focusing on full stack web development, continuous integration as well as data structures and algorithms
- Completed projects in collaboration with peers, demonstrating teamwork and effective communication skills.

Singapore Management University

Bachelor of Business Management   *Aug. 2021 – May 2025*
- Current GPA: 3.68/ 4.0
- Relevant Modules Taken: Introduction To Programming, Spreadsheet Modelling And Analytics
- Recipient of ARA Asset Management Scholarship

TECHNICAL SKILLS

Languages: Python, SQL (SQLite), JavaScript, HTML/CSS
Frameworks/Libraries: React, Node.js, Express, Redux, Chakra UI, Tailwind CSS, Material UI **Databases**: PostgreSQL, MongoDB
Developer Tools: Git, Github, VS Code, PyCharm
Cloud Services: Firebase