Chan Boon Wee

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Projects

Closed Land – NFT marketplace
- Set up Postgres database with Prisma for user data that would be too expensive to store in the blockchain.
- Created functionalities in frontend code to interact with smart contract and store NFT images in an InterPlanetary File System provided by Pinata.
- Used MetaMask for user authentication and authorisation. Only users signed in to MetaMask have write access to the blockchain. Otherwise, access is read-only.

hangin – todo app
- Set up backend repo code structure with MongoDB Atlas so team could work off a single database. Added socket connection to backend server for real-time chat functionality.
- Stored user profile images in backend public folder. Old image deleted when user updates profile picture.
- Created MUI theme for customised frontend look. Set up *store.js* to facilitate state updates. Wrote chat code to interact with backend and to store chat history in database.

Mooz – video conferencing app
- Set up backend code structure using MongoDB and Mongoose. Used JWT in middleware for authentication before accessing secured routes.

Scrabble clone
- Solo project that was most satisfying for being able to code logic that mimicked scrabble rules and having drag-drop functionality using vanilla JavaScript.

Work History

Rocket Academy Coding Basics Instructor   Oct 2021
- Led one class of about ten learners in a six-week basic HTML, CSS and JavaScript course which culminated in a capstone card game project.

Owner, Boon's Noodles Hawker Stall, Golden Mile Food Centre   Aug 2018 to Feb 2021
- Set up handmade noodle stall from scratch. Garnered several favourable reviews on sites such as Ivan Teh – Runningman, Eatbook and Sethlui.com.
- Steadily improved production and sales to about a hundred servings daily.

Assistant Manager, Singapore Airlines   Jun 2011 to Apr 2017
- Managed airport operations training. Worked with multiple departments, overseas stations, and external partners to organise and achieve greater training effectiveness and efficiency.

Trainer, Outward Bound Singapore   Dec 2004 to Dec 2010
- Received Commendation Award as part of team that built a customised Excel solution to monitor trainers' performance in terms of training man days, types of courses conducted and administrative matters like leave.

Education

Rocket Academy Software Engineering Bootcamp   Oct 2021 to Mar 2022
Six-month software engineering bootcamp, focusing on full-stack web development and algorithms.

School of Communication Studies, Nanyang Technological University -   1997 to Feb 2001
Second-class Honours, Upper Division

Tech Skills

- **Programming languages**: JavaScript, SQL
- **Backend**: Node.js, Express, PostgreSQL, MongoDB, Sequelize, Prisma, Mongoose
- **Frontend**: HTML, CSS, React, MUI
- **Libraries/ Frameworks**: JWT, Socket.IO

Interests

- Running and biking (motorised or otherwise)