Toh Hong Xiang

Software developer passionate in web development

Email | Github | Portfolio

Skills

Frontend	Backend	Miscellaneous
HTML	Node	Git
CSS	Express	Adobe Photoshop
SCSS	MongoDB	Heroku
Javascript	Flask	Python
Bootstrap	PostgreSQL	Figma
React		

Projects

1. Stumblr Social Media Website [CODE, DEMO]
   - Full-stack social media website using PostgreSQL, Express, React and Node
   - Allows simple CRUD (Create/Read/Update/Delete) operations
   - Features user authentication, the ability to follow users, add/edit/search posts
2. MERN Stack Menu Manager website [CODE, DEMO]
   - A web application to manage/edit menus for restaurants/cookhouses
   - Built with the MERN stack
   - Supports CRUD (Create/Read/Update/Delete) operations
   - Login features (Registration, login, forgot password pages)
3. Haze Monitoring Website [CODE, DEMO]
   - Web Application to monitor PSI levels and other air quality readings in Singapore
   - Data pulled from Singapore's PSI API provided under the Singapore Open Data Licence
   - Uses NodeJS, ExpressJS
4. Sorting Algorithms Visualisation [CODE, DEMO]
   - Visualisation of a few popular sorting algorithms such as Insertion, Merge and Quick sort
   - Uses pure ES6 javascript (No frameworks)
   - Able to change array size to be sorted, and the delay between each action
5. Temperature Converter [CODE, DEMO]
   - Simple single-page web application built in React
   - Converts between Celsius, Fahrenheit and Kelvin
   - Made to learn React
6. Flask Gallery Viewer [CODE, DEMO]
   - A web application to view directories of images/albums
   - Built using Flask and Jinja2
   - Uses lazy-loading for images to lower server load
   - available
7. Generic Company Landing Page [CODE, DEMO]
   - Single page static website
   - Created to learn Bootstrap and Front-End design techniques

Experience

1. 2019 - Created a MERN stack app to manage the menus for cookhouses while in National Service (MERN Stack Menu Manager app).
   a. Learned how to interact with clients
   b. Learned questions to ask when making web applications for other people.
2. 2019 - Created a small automation program to help management of resources while in National Service using UiPath.
   a. Learned how to program as a small group
   b. Learned how to manage expectations and work within deadlines
   c. Learned how to handle unfamiliar technologies through reading documentation
3. 2019 - Attained Diploma of Completion for RPA Developer Foundation Training for UiPath.