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Joshua Elijah Hernandez

Aspiring Web Developer

Portfolio: joshua-hernandez.netlify.app
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Github: [jedchub](#)

SKILLS

- **Languages:** CSS3, HTML5, JavaScript, TypeScript
- **Front-end:** React.js, Redux, Material UI, Formik
- **Back-end:** Express.js, Mongoose, Node.js
- **Database:** MongoDB, PostgreSQL
- **Cloud Platforms:** Heroku, Netlify
- **Tools:** CircleCI, Git, Github, MongoDB Atlas, Postman, Underscore.js, Visual Studio Code, Zenhub

PERSONAL PROJECTS

Loving Sitter - Full Stack

Dev Environment: *MongoDB, Express.js, React + TypeScript, Node.js, Mongoose, Agile, Scrum, Zenhub, Postman, Material UI, Formik, CircleCI, ES6+*

- Setup MongoDB for the project to allow the authentication features to be functional by storing user information: username, email, password, and register date in the database.
- Created the user profile model/schema to have the user's first and last name, gender, email, phone number, address, description, type, hourly rate, and availability.
- Developed the API endpoints for user profile CRUD operations.
- Built the profile settings page according to wireframes which includes a sidebar featuring the edit profile, profile photo, availability, payment, security, and settings. This page shows a form that a user can edit to update their profile.
- Completed the Integration of endpoints with the UI which updates the profile collection in the database when users update their profile.

RoboFriends V2 with Redux

Dev Environment: *React, HTML5, CSS3, Git, GitHub, ES6+*

- Created my own version of Redux using useReducer and useContext to create a redux store.
- Designed a responsive application similar to RoboFriends, but with state management and additional features: the ability to add tags to each student, search students by tags and names, and a custom accordion which shows the student's grades.

Smart Brain - Frontend

<https://jedchernandez.github.io/smart-brain/>

Dev Environment: *React, HTML5, CSS3, NodeJS, ExpressJS, Git, GitHub, PostgreSQL, ES6+, RequireJS*

- Designed a responsive website using React that features an image recognition API which detects and creates a border around a face.
- Created a server using Node.js and Express.js which let users sign in or register a new account.
- Built a database using PostgreSQL that interacts with the server and stores all the user information.
- Deployed the server and database using Heroku, and used Github to host the website.

RoboFriends - Frontend

<https://jedchernandez.github.io/robofriends/>

Dev Environment: *React, HTML5, CSS3, Git, GitHub, ES6+*

- Created a responsive website using React, and deployed to Github.
- Designed robot friends to have randomly created names and contact information using an API.
- Built the search field to let users filter out an existing friend.

EDUCATION

Ryerson University

Bachelor of Engineering in Aerospace

September 2014 – June 2019

INTERESTS

Cats, Cooking, Playing Guitar/Drums, PC Building, Table Tennis