Web Developer

Joseph D'Anna

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Projects

Kanji Pre-Reader - Site | GitHub
- Developed React web application to assist Japanese language students with studying kanji characters
- AJAX requests to third party API for JSON containing kanji character information and details
- Preview and download custom study sheet PDF documents using html2canvas and jsPDF libraries
- Created unit test suite using Jest testing library

Chatter-bot - Site | GitHub
- Developed full stack application for users to engage in topical discussions
- Created front end UI using React and styled-components
- Built API with endpoints for CRUD operations on MySQL database with Express/Node.js
- Implemented user accounts with encrypted passwords using bcrypt library
- Deployed application on AWS's EC2 using pm2 library with MySQL database operating on AWS's RDS

Spiral Designs - Site | GitHub
- Developed website that displays a spiral animation using JavaScript and the HTML canvas API
- Settings toolbar allows for real time manipulation of the spiral's color, size, and background color
- Implemented responsive design and compatibility across different devices

Technical Skills

Languages: JavaScript, CSS, HTML, JSON, SQL
Frameworks & Libraries: React, styled-components, Express, Node.js, Jest
Tools: git, npm

Education

North Central College - Naperville, IL

Bachelor of Arts - Japanese, East Asian Studies

Iwate University - Morioka, Iwate, Japan

Certificate of Completion - International Short-stay Studies Program

Languages

- Native English
- Basic Conversational Japanese