Johnny Avila

708 802-2105 Washington, DC avila.johnny11@qmail.com Github

SKILLS JavaScript, Python, React, Redux, NodeJs, Flask, SQL, Sequelize, SQLAlchemy PostgreSQL, Websockets, Git, Render, HTML, CSS, Dance Choreography

PROJECTS

Wavelength | (Javascript, React / Redux, NodeJs, Sequelize, PostgreSQL, Websockets, Render) live | github Real-time multiplayer word association game

- Developed a real-time communication system using Websockets for simultaneous gameplay and live updates.
- Implemented a relational database utilizing Sequelize as the ORM tool and PostgreSQL as the database management system.
- Integrated Redux for fetching data from the backend server and managing application state.
- Configured the Node.js backend to handle HTTP requests and responses for CRUD operations.

Crim Search | (Javascript, Chrome Extension API)

live | github

Chrome Extension designed for paralegal work to reduce criminal history chart creation time by 50%.

- Leveraged JavaScript, HTML, and CSS to enable users to extract data criminal case data for MD, DC, and VA
- Implemented Chrome local storage to store case data extracted from multiple criminal cases
- Utilized Chrome's messaging system for seamless data transfer between content scripts and the extension's background script.

Slack Clone | (Python, Javascript, React / Redux, Flask, SQLAlchemy, SocketIO, Render)

live | github

Slack Clone enables users to communicate within workspaces, channels, and direct messages.

- DRY'ed up backend code by using polymorphic inheritance for channels and direct messages
- Implemented real-time chat message functionality using SocketIO, enabling instant messaging and efficient communication between users.
- Configured relational database schema using Flask and SQLAlchemy, leveraging the power of PostgreSQL for efficient data storage and retrieval.

Meetup Clone | (Javascript, React / Redux, NodeJs, Sequelize, PostgreSQL, Render)

live | aithub

Meetup Clone provides an online space to join groups and attend events with others who share your interests.

- Developed RESTful APIs using Node.js and Express.js.
- Ensured authentication and authorization for membership-related actions.
- Built responsive UI components using React and CSS.

SummaryGPT | (Javascript, OpenAl API, Mozilla Readability Library)

aithub

Chrome Extension designed to optimize paralegal work productivity by providing article summaries on demand

- Leveraged the OpenAl ChatGPT API to generate article summaries.
- Utilized the Mozilla Readability library to extract article content from web pages.
- Utilized asynchronous programming techniques and fetch API to handle API requests and responses seamlessly.

EXPERIENCE

Paralegal CAIR Coalition Sept 2021 - Present

Washington, DC

- Facilitate weekly team meetings with attorneys, social services coordinators, and fellow paralegals
- Participate in intake reviews, additional case research, and preparing cases for pro bono placement.
- Conduct legal research, secure criminal records, and obtain additional information from family members.
- Draft filings for various forms of immigration relief to be reviewed by attorneys.

EDUCATION

Northwestern University- BS Political Science, 2017-2021 App Academy - Certificate in Software Engineering, 2022-2023