708-802-2105 Chicago, IL <u>avila.johnny11@gmail.com</u> <u>GitHub | Portfolio | LinkedIn</u>

SKILLS

JavaScript, Python, React, Redux, Node.js, Next.js, Tailwind CSS, Flask, SQL, Sequelize, SQLAlchemy PostgreSQL, Websockets, Git, Render, HTML, CSS, Dance Choreography

OBJECTIVE Leveraging intensive software engineering training from App Academy with a background in political science from Northwestern University. Skilled in crafting responsive, user-centric solutions with both

frontend and backend tech stacks. Driven to innovate and optimize in a software engineering environment.

PROJECTS

Quoted | Next.js, Tailwind CSS, Firestore, JavaScript

live | github

Next.js powered web application that allows users to share and discover quotes

- Implemented a NoSQL database using Firestore to manage user and quote data.
- Utilized Next.js and Tailwind CSS to build a responsive UI.
- Leveraged Firebase cloud storage to store user profile images.

Wavelength | Javascript, React / Redux, NodeJs, Sequelize, PostgreSQL, Websockets, Render

Real-time multiplayer word association game developed with React and Node / Express

- Developed a real-time communication system using Websockets for simultaneous gameplay and live updates.
- Implemented a relational database utilizing 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.

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

Online group and event management software developed with React and Node / Express

- 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.

Crim Search | Javascript, Chrome Extension API, HTML, CSS

<u>live</u>l 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 <u>live l github</u>

Online workplace communication platform developed with React and Flask / SQLAIchemy

- DRY'd up backend code by using polymorphic inheritance for channels and direct messages.
- Implemented real-time chat message functionality using SocketIO
- Configured relational database schema using Flask and SQLAlchemy,

EXPERIENCE

Paralegal Sept 2021 - Present CAIR Coalition Washington, DC

- Support and advise on committee overseeing the organization's transition from Salesforce to Legal Server
- Facilitate weekly team meetings with attorneys, social services coordinators, and fellow paralegals
- Participate in intake reviews, conduct legal research, and prepare cases for pro bono placement.
- 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