Dennis Lee

Software Engineer

929-334-7744 | dennislee1499@gmail.com | New York, NY | [LinkedIn](#) | [Github](#) | [Portfolio](#)

SKILLS

JavaScript/JSX, Ruby, Ruby on Rails, React, Redux, HTML, CSS, SCSS, Mongoose, MongoDB, AWS S3, SQL, PostgreSQL, Node.js, Express.js, Webpack, Node, Git

PROJECTS

Chonky - *A single-page web application designed for a seamless pet supply shopping experience*

Ruby on Rails, React, Redux, JavaScript, AWS S3, HTML, CSS, Hosted on Render   **Live** | **GitHub Repo**

- Utilized **React** to create modular and maintainable frontend components, enhancing the application's UI and UX. This approach **facilitated efficient state management**.
- Developed a RESTful backend using **Ruby on Rails**, focusing on scalability and performance. Executed full **CRUD functionality through RESTful routes**, maintaining convention and clarity.
- Integrated **AWS S3** to manage the web application's image assets, optimizing asset delivery and handling large scale image storage, which drastically **improved application load time** and **resource efficiency**.

TuneUp - *MERN Stack application enabling music enthusiasts to create or join musician groups*

JavaScript, MongoDB, Express.js, Node.js, React, HTML, CSS, Google Maps API, AWS S3   **Live** | **GitHub Repo**

- Led frontend team, developing numerous components, reducers, actions, selectors, and middlewares.
- Facilitated frontend interaction with the **Express backend** for a responsive and intuitive user experience (UX).
- Implemented a search feature that uses **'jstFetch'** to **perform asynchronous HTTP requests**, capturing user input to query the backend, enabling a responsive and efficient search experience.
- Collaboratively integrated the **Google Maps API**, engineering geocoding functionality to translate addresses into map markers, significantly enhancing user interface (UI) and providing a visual context for locations.

Frightful Frenzy - *2D arcade-style game*

JavaScript, HTML, SCSS, Canvas   **Live** | **GitHub Repo**

- Implemented collision detection by integrating an algorithm that checks for axis-aligned bounding box collisions.
- Incorporated player and monster animations using **JavaScript** and the **Canvas API** for a seamless gaming experience.

WORK EXPERIENCE

Operations Manager - Toyo Japanese Cuisine, New York, NY   **May 2020 – Jun 2023**

- Directed a diverse team, fostering a collaborative environment that encouraged continuous learning.
- Oversaw daily operations, ensuring timely delivery of services.
- Assessed sales data and customer preferences to accordingly change menu items/price and incorporate promotions to increase sales.

EDUCATION

Full-Stack Software Engineering - App Academy   **Jun 2023 - Oct 2023**