

Nicole Le

Software Engineer

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TECHNICAL SKILLS

- ❖ **Frontend:** JavaScript (ES6), React.js, Context API, Redux.js, HTML5, CSS3
- ❖ **Backend:** Python, Flask, Express.js, SQLAlchemy, PostgreSQL, Sequelize, AWS S3
- ❖ **Other:** Docker, Vite, ESLint, Git, NPM, JIRA, Agile Methodologies, Scrum, Canva

PROJECTS

Beauty Buzz – Python, Flask, SQLAlchemy, JavaScript, React, Redux, AWS S3, Docker [Live](#) | [GitHub](#)

An Ulta/Etsy-inspired application where users can create, browse, review, and purchase makeup products.

- ❖ Implemented an image upload feature with AWS S3 bucket, allowing users to securely store large files at any time while optimizing application performance by offloading storage to AWS
- ❖ Leveraged Flask and SQLAlchemy on the back end to simplify development workflow, providing efficient retrieval and manipulation of data throughout the application
- ❖ Enhanced user experience for key application features utilizing React hooks on the front end, enabling real-time updates and improving render performance via memoization of component dependencies and utilization of Redux selectors

Tunafy – Python, Flask, SQLAlchemy, JavaScript, React, Redux, AWS S3, Docker [Live](#) | [GitHub](#)

A Spotify-inspired application where users can upload, like, and listen to songs, and create albums and playlists.

- ❖ Collaborated with a team of three engineers utilizing Agile methodology, a Kanban board, and Git version control to develop a viable product with four features within a tight deadline of one week
- ❖ Utilized Docker to containerize React and Flask applications, streamlining development and deployment processes
- ❖ Applied validation errors using WTForms Validators on the back end and useState/useEffect hooks on the front end to enhance user experience and ensure data integrity
- ❖ Designed the user experience and user interface utilizing wireframes, CSS, HTML, and JavaScript to create an intuitive and aesthetic application and smooth transitions

SweetStay – JavaScript, Express, Sequelize, React, Redux, PostgreSQL [Live](#) | [GitHub](#)

An Airbnb-inspired application where users can create, browse, and review spots.

- ❖ Architected the database schema utilizing Express and Sequelize on the back end, implementing an ORM (Object-Relational Mapping) structured approach to enhance data handling and interactions with PostgreSQL database
- ❖ Implemented React-Redux on the front end to manage asynchronous tasks, maintain an efficient data flow, and optimize user experience

WORK EXPERIENCE

GoDaddy – Creative Specialist (Remote) **November 2021 – June 2023**

- ❖ Increased brand awareness and engagement for 140 small businesses by creating 280 social media posts weekly (Facebook, Twitter, and Instagram)
- ❖ Protected online reputation and built customer loyalty for 200 small businesses by responding to all comments and reviews (Yelp, Google, and Facebook)

LEADERSHIP EXPERIENCE

alpha Kappa Delta Phi Sorority – VP New Member Educator (Executive Board) **January 2021 – May 2021**

- ❖ Mentored 17 new members throughout the New Member Process
- ❖ Discussed and solved internal conflicts with the Chapter Executive Board and the National Board

EDUCATION

App Academy – Full Stack Web Development

February 2024

The University of Texas at Austin – Bachelor of Science in Advertising, Minor in Business

May 2021