

LYNNETTE NGUYEN

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SKILLS

Typescript, Javascript, Python, HTML5, CSS3, Tailwind, React, React Query, Next.js, MUI, Express.js, Node.js., Flask, PostgreSQL, MongoDB, TypeORM, RDS, Mocha, Docker, REST API, Postman, Amazon Web Services (AWS), Serverless, Vercel

EXPERIENCE

Software Engineer

Nov 2022 - Present

Raidon Inc.

Remote

- Developed web applications with **Typescript** and **Node.js**, ensuring high quality, secure, and scalable code
- Configured backend integration with multiple **APIs** to exchange and verify data, resulting in improved decision engine performance and accuracy
- implemented unit and integration tests using agile **test-driven development** methodologies
- Configured networking infrastructures and leveraged **serverless** architecture to deploy applications to **AWS Lambda** and ensure secure access and control over AWS resources
- Led technical discussions with client to define project timelines, leading to successful project delivery

Patient Authorization Lead

Dec 2019 - Mar 2022

Stanford Health Care - Cancer Center

Palo Alto, CA

- Delegated tasks among 10 authorization coordinators to ensure 100% secure rate of cancer therapies
- Designed reimbursement strategies to maximize revenues and reduce potential cost to patients and the hospital
- Led development of projects which improved patient access to psychosocial oncology services by 70%
- Increased transplant patients' access to prescriptions by 76% through execution of a new workflow which reduced out-of-pocket costs and processing time

PROJECTS

Happily | Amazon S3, React/Redux, Flask, SQLAlchemy

[site](#) | [github](#)

e-commerce application for all things weddings, where users can sell, purchase, and review products, inspired by Etsy

- Designed an aesthetic and intuitive user-interface by applying CSS grid, flexbox, and media queries
- Architected **Redux** state management to authenticate users and permit access to selective React components
- Applied **LocalStorage API** to store and retrieve the user's shopping cart state to offload requests to the backend server, optimizing the checkout process
- Integrated **Amazon S3** to store image files, maximizing database efficiency and improving page-load performance
- Implemented custom search and category filters with **REST API**, allowing users to search through products efficiently

notDiscord | SocketIO, React/Redux, Flask, SQLAlchemy

[site](#) | [github](#)

live-chat environment where users can connect through servers and direct messages, based on Discord

- Engineered backend server for a chat application on a team of four developers from concept to production
- Leveraged **Flask SocketIO** to establish Websocket connections for a responsive chat feature with message history
- Employed **React synthetic events** and **CSS animations** to enhance user interactions and overall visual appeal
- Worked in a collaborative environment with daily stand-ups and assessed git pull requests for efficient integration of features to develop Discord's minimum viable product (MVP) within the span of one week

Wherebnb | React/Redux, Express.js, Node.js, Sequelize, Google Maps API

[site](#) | [github](#)

Airbnb-inspired online marketplace for users to host homestays and book vacation rentals

- Developed custom form validations in **Express.js** to manage full CRUD for user reservations and prevent overbooking
- Integrated **Google Maps API** with calculated bounds and customized location markers for an interactive map display
- Organized a complex multi-page form using **React conditional rendering** to simplify the data-collecting process
- Applied **CSS layouts** and **selectors** to create visually appealing effects for an attractive user experience

EDUCATION

AppAcademy - Full Stack Web Development Bootcamp, [Access Scholarship](#) Recipient

University of the Pacific - Bachelor of Science in Biology, Dean's Honors Roll