

Le Nguyen

Full-Stack Software Engineer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SKILLS

Languages: Javascript, Python, TypeScript, SQL, HTML5, CSS

Frameworks/Tools: React, Redux, Express.js, Node.js, Flask, Sequelize, SQLAlchemy, SQLite3, PostgreSQL, Amazon Web Services S3 (AWS), jQuery, Git, Render, Firebase

Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Custom Auth, Scrum and Agile development Methodologies, Data Structures and Algorithms

PROJECTS

Amplify

[Live](#) | [GitHub Repo](#)

(Python / JavaScript / React / Redux / Flask / SQLAlchemy / Postgres / AWS S3 / HTML5 / CSS / Render)

Full-Stack Spotify clone where users can create and follow their favorite playlists and stream music.

- Integrated React to develop a highly customizable media player component that allows users to track song completion using Redux and handles the next song in the queue, thus enhancing users' personalized music listening experience.
- Utilized AWS S3 to enable seamless playlist image uploads, reducing server load and ensuring scalable image services.
- Built a robust search feature using React, allowing users to quickly find and add their favorite tracks to their playlists.
- Implemented a secure authentication system utilizing bcrypt and JWT to protect user data and privacy.
- Designed a scalable RESTful API using Flask, allowing for efficient communication between client and server and improving overall application performance.
- Employed modern front-end technologies such as HTML and CSS to create a visually appealing and responsive user interface, resulting in a seamless and intuitive user experience.

HomeyBnB

[Live](#) | [GitHub Repo](#)

(JavaScript / React / Redux / Express / Sequelize / PostgreSQL / SQLite3 / HTML / CSS / Render)

Full-Stack Airbnb clone where users can search through a vast listing of properties, read reviews, and HomeyBnB their home.

- Skillfully executed the design and styling of the React front-end, seamlessly matching the user interface of Airbnb and providing a user-friendly experience.
- Ensured user privacy and autonomy through frontend and backend authentication measures, allowing users to only access and make changes to their own spots and reviews when logged in.
- Developed RESTful APIs using Express.js to enable smooth data flow between front-end and back-end.

LCSX

[Live](#) | [GitHub Repo](#)

(Python / JavaScript / React / Redux / Flask / SQLAlchemy / PostgreSQL / HTML / CSS / Render)

Full-Stack Yelp group project with robust user features including reviews and searching for local restaurants.

- Developed and implemented the user profile page using React and Redux, allowing users to manage their account information and view their previous activity.
- Constructed and designed the sign-up and login pages utilizing React and Redux, enabling users to easily create and manage their accounts.
- Actively collaborated with a team of three developers, utilizing Agile methodologies, such as SCRUM, and Git for efficient version control and teamwork.
- Demonstrated strong adaptability in a fast-paced work environment by participating in daily meetings to identify and resolve project challenges and ensure timely delivery of a one-week project deadline.

EXPERIENCE

Medical Scribe - CityMD Urgent Care Walk-in Medical Clinic

2017 - 2019

- Facilitated efficient patient care by documenting medical history, physical exam findings, and treatments in real-time, resulting in an average of 20% reduction in patient wait times.

- Collaborated with healthcare providers to ensure accurate and complete documentation of patient visits, resulting in improved continuity of care and reduced errors in medical records by 15%.
- Leveraged knowledge of medical terminology and procedures to accurately transcribe patient charts and records, honing my attention to detail and ability to manage complex data

Secretary and Events Director - *Chieu Kien Buddhist Temple*

2011 - Present

- Successfully managed and coordinated various events, including fundraising drives and meditation retreats, that served to raise funds to benefit the welfare of the community and to connect and help individuals engender new bonds with other members of the local community.

EDUCATION

App Academy - *Highly selective full-stack web development bootcamp with a 3% acceptance rate*

2022 - 2023

St. George's University School of Medicine - *Possess strong background in medical diagnostics and treatment strategies*

2019 - 2022

Geisinger Commonwealth School of Medicine - *Masters in Biomedical Sciences (M.B.S.) with a 3.62 GPA*

2016 - 2017

Stony Brook University - *Bachelor of Science in Interdisciplinary Biology (B.S.)*

2011 - 2015