

# Le Nguyen

## Full-Stack Software Engineer

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

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### 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), Scrum and Agile development Methodologies, Data Structures and Algorithms, Custom Auth, Empathetic, Detail Oriented, Data analysis and collection

### HONORS AND CERTIFICATES

Certificate of Medical Humanities from Overlook Medical Center/Atlantic Health, Alpha Epsilon Lambda Honor Society, Sigma Beta Honor Society, National Society of Collegiate Scholars, Dean's Honors List (5 semesters)

### 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.
- Utilized React Hooks and functional components to improve code maintainability, increasing overall efficiency.

#### 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.

## WORK EXPERIENCE

### Medical Scribe

October 2017 — January 2019

*CityMD Urgent Care Walk-in Medical Clinic*

*New York, NY, USA*

- 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.
- Cooperated with healthcare professionals to identify areas of improvement in the electronic medical records system, resulting in a 30% decrease in documentation errors.

## VOLUNTEER EXPERIENCE

### Secretary and Events Director

June 2011 — Present

*Chieu Kien Buddhist Temple*

*Bronx, NY, USA*

- Successfully managed and coordinated various events, including fundraising drives and meditation retreats, that served to raise funds to benefit the welfare of the community.
- Designed and produced email communications using Mailchimp, resulting in a 30% increase in email open rates and engagement with the temple community.
- Facilitated effective communication and collaboration among temple staff and volunteers by leading weekly meetings and maintaining detailed meeting minutes, resulting in improved team dynamics and efficiency.
- Leveraged effective communication skills to build strong relationships with members and volunteers, facilitating a welcoming and inclusive community environment.

## RESEARCH EXPERIENCE

### Researcher

August 2016 — May 2017

*Geisinger Commonwealth School of Medicine*

*Scranton, PA, USA*

- Collaborated with a team of researchers to design a study aimed at investigating the association between trusting formal or informal sources of health information and smoking cessation, utilizing best practices for data analysis.
- Presented research findings at a research symposium, employing communication skills and data visualization to engage with a diverse audience and answer questions.
- Demonstrated strong attention to detail in data management, ensuring that all study information was properly recorded and accounted for.

## EDUCATION

### App Academy

October 2022 — April 2023

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

### St. George's University School of Medicine

August 2019 — May 2022

— *Strong background in medical diagnostics and treatment strategies*

### Geisinger Commonwealth School of Medicine

August 2016 — May 2017

— *Masters in Biomedical Sciences (M.B.S.) with a 3.62 GPA*

### Stony Brook University

September 2011 — May 2015

— *Bachelor of Science in Interdisciplinary Biology (B.S.)*