

# Nam (Logan) Nguyen

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## OBJECTIVE

Highly motivated Junior Full stack Developer with experience in blockchain technology seeking an opportunity to apply skills in the development of secure, decentralized web applications and contribute to the growth of a forward-thinking organization.

## WORK EXPERIENCE

### Full-stack software engineer internship Virginia, United state

Sep. 2022 – Dec. 2022

Jobs4Interns – Domenix

- Migrated codebase from **React class** to **functional components**, improving code maintainability and performance.
- Utilized the **MERN stack** to design and implement **RESTful APIs**, allowing for efficient data transfer between the front-end and back-end.
- Implemented **React-Redux** to manage the application state and improve code scalability and organization.

## EDUCATION

### Green River College Auburn, WA

Jan. 2017 - May 2019

Associate in Arts in Information Technology

**CGPA: 3.94/4.00**

- Relevant course work: Front-end Web programming, Java OOP, Data Structures, SQL Database

### State University of New York (SUNY), College at Oswego

Jan. 2021 – exp. May. 2023

Bachelor of Science in Computer Science

**CGPA: 4.00/4.00**

- Relevant Courses: System programming (C), Software Engineering (Java, React, Liberty), Algorithms and Data Structures

## PROJECTS

### Support Who You Love (SWYL) *(Full stack + Blockchain)*

(Capstone project) – <https://github.com/swyly> - <https://swyl.vercel.app>

- Led the development of the **SWYL** platform as a solo developer, utilizing front-end technologies such as **Next.js**, **TypeScript**, and **React.js** for efficient and user-friendly user experience
- Developed and deployed **5 Solidity smart contracts** on the **Polygon Network**, utilizing **ERC-721** and **ERC-1155** standards for low-cost and efficient **NFT** creation, management, club membership and donation functionalities
- Incorporated the **Hardhat framework** to enhance the development and deployment process of **smart contracts**, providing robust support for tasks such as contract editing, compilation, debugging and deployment management
- Utilized the **Ethers.js library** to connect the **client-side application** to the **blockchain**, allowing for seamless **NFT** transactions and donation processes
- Implemented **3 restful-based microservices** for the backend using **Golang** and **MongoDB**, providing a robust and scalable infrastructure for **off-chain data** management and **API services**

### Hashtology Decentralized App *(Front-end + blockchain)*

(Side project) - <https://github.com/logann131/hashtology-dapp>

- Developed and deployed a **decentralized application** on the **Ethereum blockchain**, providing users with a seamless experience for **global cryptocurrency transfer**
- Implemented **custom fungible token smart contract** using **Solidity**, enabling wallet-to-wallet transfer functionalities
- Utilized a combination of **React.js** front-end framework and **TypeScript** programming language to ensure type safety and improve performance of the application

## SKILLS

<b>Blockchain</b>	Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Open Zeppelin • Remix
<b>Front-End</b>	Next.js • React • HTML5 • CSS • Tailwind • Styled Component • Bootstrap • WordPress
<b>Back-End</b>	Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Rest API • Firebase
<b>Deployment</b>	AWS • Netlify • Heroku • Docker • Vercel
<b>Programming</b>	Golang • Java • Python • JavaScript (ES6) • TypeScript • C • C++ • SQL • Dart • PHP