

## Nam (Logan) Nguyen

Oswego, NY | 253-391-7245 | [nnguyen6@oswego.edu](mailto:nnguyen6@oswego.edu)  
[namnguyen31.com](https://namnguyen31.com) | [linkedin.com/in/logann131](https://linkedin.com/in/logann131) | [github.com/logann131](https://github.com/logann131)

### SKILLS

- Blockchain | Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Web3.js • Truffle • OpenZeppelin • Remix
- Back-End | Golang • Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Rest API • Firebase
- Front-End | Next.js • React.js • TypeScript • HTML5 • CSS • Tailwind • Styled Component • Bootstrap • WordPress
- Deployment | AWS • Vercel • Netlify • Heroku • Docker • OnRender

### EDUCATION

#### 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

- Courses: Software Engineering, Data Structures and Algorithms, Front-end Web programming, SQL Database, Capstone

### WORK EXPERIENCES

#### Full-stack Software Engineer Internship, *Jobs4Interns – Domenix*

Sep. 2022 – Dec. 2022

- Successfully practiced **Agile** methodologies to support collaborative team efforts, improve project transparency, and facilitate timely project completion
- Collaborated closely with teammates in a **Scrum** team of six to create efficient restful APIs utilizing the MERN stack, facilitating seamless data transfer between the front-end and back-end systems
- Solely migrated codebase from React class to functional components, improving code maintainability and performance
- Implemented **Redux** store to manage the application state and improve code scalability and organization

#### Web Development Intern, *SUNY Center for Professional Development*

Feb. 2022 - May. 2022

- Successfully re-designed and expertly maintained a highly complex network of 30 WordPress websites
- Conducted proactive monitoring of website performance, swiftly addressing any technical issues, and troubleshooting as necessary to ensure optimal functioning of all WordPress sites

### PROJECTS

#### Spark Your Noble Story (SYNS Platform) (*Full stack + Blockchain*)

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

- Led the development of the SYNS platform as a solo developer, utilizing cutting-edge 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 from OpenZeppelin for low-cost and efficient NFT creation, also supporting club membership and donation functionalities
- Incorporated **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
- Integrated **Ethers.js** library for seamless NFT transactions and other smart contract functionalities in the client application
- 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
- Collaborated in an **Agile** work setting, participating in routine standups, sprints, retrospectives, and workload assessments

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

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

- Designed and developed a **decentralized application** on the **Ethereum** network, facilitating seamless global cryptocurrency transfers and delivering a user-friendly experience for customers
- Implemented custom fungible token smart contract using **Solidity**, enabling wallet-to-wallet transfer functionalities
- Employed a blend of **React.js** front-end framework and **TypeScript** programming language to enhance application performance and guarantee type safety

#### NFTir (*Golang Back-End*)

(Course/Individual Project) – <https://github.com/nftir>

- Utilized **Gin-Gonic** framework to construct a robust and reliable Golang-based restful application server, offering exceptional performance and user experience for managing individual NFTs
- Integrated an **AWS DynamoDB** table to effectively store and manage metadata and information for individual NFTs obtained from the NFTGo API server, thereby enhancing data retrieval and processing efficiency within the NFTir project
- Leveraged **AWS EC2**, **ECR**, and **ECS** to deploy a containerized solution, achieving high scalability and efficiency