**Nam (Logan) Nguyen**

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[linkedin.com/in/logann131](https://www.linkedin.com/in/logann131/) **|** [quiet-node.dev](https://quiet-node.dev/) **|** [github.com/quiet-node](https://github.com/quiet-node)

**SKILLS**

* Blockchain **|** Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Web3.js • Truffle • OpenZeppelin • Remix
* Front-End **|** Next.js • React.js • TypeScript • HTML • CSS • Tailwind • Styled Component • WordPress
* Back-End **|** Golang • Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Firebase
* 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

**EXPERIENCE**

**Full-stack Software Engineer Internship**, *Jobs4Interns – Domenix* Sep. 2022 – Dec. 2022

* Developed a scalable web application that assists interns connect with employers and land on internships with ease
* 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 6 to create efficient restful APIs utilizing the MERN stack, facilitating seamless data transfer between the front-end and back-end systems
* Experienced in using Atlassian Tool Suite (**JIRA**, **Confluence**, etc.) for project management and collaboration

**Web Development Intern**, *SUNY Center for Professional Development* Feb. 2022 - May. 2022

* Conducted proactive monitoring of website performance, swiftly addressing any technical issues, and troubleshooting as necessary to ensure optimal functioning of a highly complex network of 30 WordPress websites

**PROJECTS**

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

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

* Designed and developed a revolutionary web 3.0 platform that combines NFTs, music-donation system, NFT marketplace, club membership, and social media features, empowering musicians and fans to connect, showcase, and promote their music, revolutionizing the music industry
* Deployed 5 **Solidity** smart contracts on **Polygon**, reducing gas fees by 90% and enabling cost-effective NFT transactions along with club membership and donations functionalities
* Utilized **OpenZeppelin**'s ERC-721 and ERC-1155 standards for secure creation and management of NFTs in the project
* Incorporated **Hardhat** framework to streamline the development of smart contracts, increasing the feedback loop up to 10 times through robust support for tasks such as contract editing, debugging, and deployment management
* Integrated **Ethers.js** for seamless NFT transactions and other smart contract functionalities in the client application
* Implemented **Next.js**, **React.js**, and **TailwindCSS** to create a seamless and user-friendly interface for the platform, enhancing the user experience and enabling musicians and fans to easily interact with the platform's features
* Implemented 3restful-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/quiet-node/hashtology-dapp*](https://github.com/quiet-node/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 a fungible token smart contract using **Solidity**, enabling wallet-to-wallet transfer functionalities
* Employed a blend of **React.js** front-end library and **TypeScript** programming language to enhance application performance and guarantee type safety

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

*(Course/Individual Project) –* [*https://github.com/nftir*](https://github.com/nftir)

* Developed a high-performing RESTful application server using **Gin-Gonic,** a Golang framework to manage individual NFTs with up to 40 times faster development process and web service performance
* Employed **AWS DynamoDB** to effectively store and manage metadata 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, significantly increasing scalability and efficiency for the application