Nam (Logan) Nguyen

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SKILLS

- Front-End | Next.js • React.js • TypeScript • HTML • CSS • Tailwind • Styled Component • WordPress
- Blockchain | Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Web3.js • Truffle • OpenZeppelin • Remix
- 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

- 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

- Utilized cutting-edge front-end technologies such as **Next.js**, **React.js**, and **Typescript** to develop SYNS, a full-stack web 3.0 platform that combines a music-donation system, NFT marketplace, club membership, and social media features for musicians and fans to connect and share artworks through NFTs
- Incorporated **TailwindCSS** to design and create a visually appealing and responsive user interface
- Utilized advanced **SEO** techniques, including thorough keyword research and on-page optimization, resulting in a notable enhancement of the website's SEO performance and increased visibility on search engine results pages
- Utilized the **Ethers.js** library to connect the client 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
- Developed and deployed 5 **Solidity** smart contracts on **Polygon** to reduce gas fees by 90%, while enabling low-cost NFT creation and efficient management, as well as offering club membership and donation functionalities

Dev Meet Up *(Full stack)*
(Side project) – *https://github.com/logann131/meetup-app*

- Implemented a comprehensive social platform, **MeetUp**, with an interactive user experience that includes profile customization options and community engagement through post updates, likes, and comments
- Applied expertise in modern front-end technologies such as **ES6**, **CSS**, **JSX**, **React Hooks**, and **Redux store** to create a seamless and intuitive user experience that improved customer engagement and satisfaction
- Engineered a scalable back-end solution using **Express.js**, **Node.js**, and **MongoDB**, enabling the development of high-performance restful APIs for efficient data retrieval

NFTir *(Golang Back-End)*
(Course/Individual Project) – *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