Nam (Logan) Nguyen

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SKILLS

- Back-End | Golang • Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Firebase
- 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
- 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

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
- 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
- Integrated **Go-Ethereum**'s cryptographic functions with **Golang-jwt**, augmenting the capability to provide industry-leading security measures for secure user authentication, authorization, and data protection
- 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
- 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
- Collaborated in an **Agile** setting, participating in standups, sprints, retrospectives, and workload assessments

Calibrated Peer Review *(Java Back-End)*
(Course/Team Project) – *https://github.com/tenbergen/CSC480-22S*

- Collaborated with senior managers from **IBM** and utilized Java framework, **Open Liberty**, to develop a full-stack web application aimed at bringing automated calibrated peer review to classrooms at SUNY Oswego
- Reduced the time spent on manual peer review submissions and distribution by 80%, currently utilized across multiple Computer Science courses by professors and students at SUNY Oswego
- Recognized as a top-performing back-end developer in a 30-member **Scrum** team, consistently delivering high-quality code and contributing to the team's success in an Agile environment
- Developed efficient **restful APIs** to dynamically serve user-driven data and requests for a React application

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