

# Nam (Logan) Nguyen – Software Engineer

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## SUMMARY

Fullstack & platform engineer with 2.5+ years experience delivering high-throughput, low-latency, and cost-efficient services; recognized for turning complex concurrency, data-access, and reliability challenges into maintainable platform patterns while elevating release confidence, observability signal quality, and developer velocity.

## EDUCATION

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

*Bachelor of Science in Computer Science*

01/2021 – 05/2023

**CGPA: 4.00/4.00**

## PROFESSIONAL EXPERIENCE

**Software Engineer II, Hashgraph (Dallas, TX)**

01/2025 – Present

- Led research, design sessions, and POCs for a high-concurrency request coordination / sequencing layer resolving nonce ordering race conditions under burst traffic—improving correctness and sustained throughput reliability.
- Led design and implemented a decorator-based RPC dispatcher and centralized parameter validation system that reduced handler duplication and simplified future method additions.
- Eliminated 100% of query costs for intensive analytics and indexing workloads by reengineering the data access layer to source all read operations from a secondary, cost-efficient service instead of the primary node, boosting performance and long-term sustainability.
- Redesigned `eth_sendRawTransaction` submission into an asynchronous pipeline returning identifiers post pre-validation, reducing perceived client latency for high-frequency integrations.
- Overhauled error handling and HTTP mapping to preserve contextual diagnostics end-to-end, reducing ambiguous responses and speeding root-cause analysis.
- Provided consistent, high-quality code reviews and facilitated design discussions—mentoring peers, elevating code consistency, and reducing future rework.
- Represented engineering at multiple industry conferences, communicating technical advancements and strengthening external developer and partner relationships.

**Software Engineer I, Hashgraph (Dallas, TX)**

01/2024 – 01/2025

- Led release management for core services ensuring timely, low-risk deployments and proactive partner support.
- Identified feature gaps and clarified user stories with stakeholders to unblock implementations and improve operations readiness.
- Designed, implemented, and deployed a multi-endpoint WebSocket server enabling low-latency event-driven client integrations.
- Redesigned and delivered quota / limit (rate & resource) management framework supporting reliable scaling under load.
- Strengthened automated and scenario test coverage for multiple protocol upgrade features, reducing regressions and improving release stability.

**Software Engineer Intern, Hashgraph (Dallas, TX)**

07/2023 – 01/2024

- Built an intuitive deployment / interaction UI with React & Next.js reducing contract deployment time by ~70% and increasing engagement with complex workflows by ~15%.
- Developed a Vue.js + TypeScript bytecode disassembler / analysis tool improving inspection efficiency by ~30%.
- Delivered streamlined wallet onboarding and integration (MetaMask etc.) improving setup efficiency (~40%) and secure interaction practices.
- Performed end-to-end verification testing for a smart contract verification service, uncovering early defects and enabling confident release.
- Practiced Agile/Scrum collaboration improving iteration cadence and transparency.

## SELECTED PROJECTS (abridged)

**Briefium (Fullstack AI-powered news intelligence platform)** — <https://briefium.com/>

- Built an AI-powered news intelligence platform for the Hedera ecosystem; AI editorial agents (OpenAI LLM-powered) automatically filter noise, summarize, and categorize multi-source updates into trustworthy, near-real-time briefs.

**SYNS Platform (Fullstack Blockchain music NFT Marketplace)** — <https://github.com/syns-platform>

- Web3 platform for creators and fans: mint NFTs, accept donations, manage memberships, and trade in a built-in marketplace with social features.

## SKILLS

- Blockchain | Hedera/Hashgraph • EVM • Solidity • Hardhat • Ethers.js • Web3.js • OpenZeppelin • Remix
- Back-End | NodeJS • Typescript • Golang • Java • Open Liberty • Spring Boot • Express • MongoDB • MySQL • PostgreSQL
- Front-End | Next.js • React.js • Vue.js • TypeScript • HTML • CSS • Tailwind CSS • ChakraUI • Styled Component