

Quan Nghiem *Software Engineer*

📞 425-534-4461

✉ quan.nghiem2904@gmail.com

in LinkedIn

🐙 Github

👉 Portfolio

{ } SKILLS

Language

Javascript, Typescript, C#, Java, C++, NoSQL, SQL, HTML, CSS

Tools

- **Framework:** React, Angular, Spring, ASP.NET
- **Library:** Zod, Express, Redux
- **Runtime Environment:** NodeJS, Java JRE, .NET CLR

Infrastructure

- **CI/CD:** CircleCi, Github Action, Jenkin
- **Monitoring:** AWS Cloudwatch, Datadog, Sentry, Fullstory
- **Database:** Oracle, PostgreSQL, MongoDB, DynamoDB
- **Cloud:** AWS (Lambda, CodeArtifact, S3), Azure

🧰 PROFESSIONAL EXPERIENCE

Software Engineer, TAXBIT

06/2022 – 06/2023 | Seattle, WA

At Taxbit, I had the opportunity to work as a Full Stack Engineer, where I developed cutting-edge products to address the challenges of tax compliance in the digital asset industry.

- I worked on developing an **SDK** that capture and process **W9 and W8 forms** for clients. This SDK aimed to simplify the process of gathering and managing the necessary tax documentation from clients and ensure compliance with tax regulations and data privacy requirements.
 - I developed **TypeScript** packages that leveraged the powerful **Zod** library for input validation. These packages ensure compliance with regulations by thoroughly validating data inputs against predefined rules and standards.
 - I employed **Playwright** and **Vitest** to conduct comprehensive testing of the SDK, enabling the identification and resolution of any bugs or issues to ensure the product met the required quality standards.
- I developed a robust system that could efficiently process large volumes of transaction data from multiple cryptocurrency exchanges in CSV
 - I utilized **AWS lambda** to implement serverless functions that optimized utilization of resources, resulting in cost-effective and efficient data processing.
 - I developed parsers and data transformation logic to extract relevant information from the CSV files in TypeScript and convert it into a format suitable for further processing and storage.
 - To ensure data integrity and reliability, I implemented thorough error handling and data validation mechanisms. This involved validating data formats, handling exceptions gracefully, and logging any errors encountered during the ingestion process into **DynamoDB**.

Software Engineer, CITIGROUP

08/2020 – 05/2022 | Irving, TX

During my time at Citigroup, I played a pivotal role in redesigning deprecated websites, enhancing the overall user experience, and fostering a more efficient and scalable web infrastructure using **Angular** and **NodeJS**

- One of my key responsibilities was developing **RESTful APIs** to perform CRUD operations on **Oracle** datasets, utilizing my expertise in **Typescript** and **SQL** to craft efficient and seamless interactions between the front-end and back-end systems.
- I optimized **SQL** queries to improve data integrity and efficiency
- I also created a UI components library for Citigroup to provide reusable components and reduce scaffolding time.