

Tawan Scott

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Singapore Citizen
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EXPERIENCE

Synlian

Software Engineer

Singapore
Nov 2023 – June 2025

- Designed and implemented a Document Extraction module that integrates OCR and LLM technologies, automating data extraction and reducing manual processing.
- Developed an end-to-end Consensus Messaging solution using the Hedera Consensus Service, ensuring secure and immutable transaction records.
- Developed data visualization dashboard, enabling clients to analyze key business metrics, which reduced manual reporting.

XanPool

Software Engineer

Singapore
Aug 2021 – Apr 2023

- Developed XanPool's website and mobile wallet app using React and Flutter respectively.
- Collaborated with the UX/UI team to create responsive, user-friendly interfaces.
- Developed and maintained GraphQL and REST APIs using NodeJS and integrated them with the frontend.
- Participated in code reviews, testing, and debugging to ensure high-quality code.
- Contributed to the development of XanPool's internal tools, including a dashboard for tracking user activity.

Greene County Historical Society

Software Engineer

New York
Aug 2020 – Dec 2020

- Developed and deployed the GCHS's website (Quil) using JavaScript, NodeJS, NPM, HTML, CSS, and Docker.
- Fixed all known bugs from the alpha version that prevented Quil from being utilized by GCHS.
- Quil allows users to make valuable notes for their visitations at GCHS and for employees to manage a database of users.

PROJECTS

Dog Breed Search

[View Code](#)

- Utilize an API to fetch dog breeds and present the results to the user with responsive design.
- Allow users to search for dog breeds using the search API.
- **Technologies:** React, TypeScript, CSS.

Robotic

[View Code](#)

- A robotic project utilizing the Pololu's Zumo 32U4 Robot, SG90 Servo, and Ultrasonic Sensor.
- The robot will be able to perform various tasks such as following walls or objects.
- **Technologies:** Arduino, C++.

EDUCATION

Marist College – New York

Bachelor of Science in Computer Science

Honors: Magna Cum Laude

Dean's List: 2017-2021

GPA: 3.77

Aug 2017 – May 2021

SKILLS

Technical Skills: TypeScript, React.js, NestJS, Node.js, MongoDB, PostgreSQL, REST APIs.