**TECHNICAL SKILLS**

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| **Programming Languages:** JavaScript, TypeScript, Java, HTML/CSS, C++, C#, SQL, Python  **Frameworks & Technologies:** Git, React, Next.js, Node.js, Express.js, MySQL, MongoDB, Firebase, Web3, Socket.io, Vercel, Netlify, Docker, Figma, Photoshop, Prisma, Apollo GraphQL, PostHog, Prettier, Husky, Three.js, EC2, S3, Redux, tRPC, Tailwind, ChakraUI, MaterialUI |

**EXPERIENCE**

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| Full Stack Developer at [Ambition.so](https://ambition.so/)   * Designed and implemented a no-code React-based interface that enables users to quickly and easily generate NFT collections, resulting in a 7x increase in performance compared to the previous generator. * Created an admin dashboard using Apollo GraphQL to efficiently query and manage user data from a MongoDB database. * Tracked and analyzed conversion rates using PostHog to understand effectiveness of website in turning visitors into customers. * Improved the user experience and enhanced UI design by following best practices in usability and accessibility. * Collaborated with team members through daily standup meetings using Discord and used Notion for agile project management. * Successfully managed and maintained a complex polyrepo of 7 repositories, using Git for version control and regularly submitting, reviewing, and merging pull requests. | January 2022 - Present |

**PROJECTS**

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| [nfthost](https://github.com/stephenasuncionDEV/nfthost) — (2021) Website Hosting and NFT Utilities   * Developed a website hosting platform using Next.js, offering custom subdomain and domain, layout templates, and website analytics. * Implemented crypto wallet authentication with JWT and secured REST API routes with access tokens and middleware validators and sanitizers. * Implemented custom subdomain and domain options using Vercel's wildcard domains and Next.js's dynamic routes, eliminating the need for a reverse proxy. * Integrated a CI/CD system using GitHub Actions and Vercel, enabling automated code analysis and deployment. * Collaborated with leading Web3 companies to assist their users in getting started in the NFT industry, providing support and guidance along the way. |

[create-typedef-app](https://github.com/stephenasuncionDEV/create-typedef-app) — (2022) A Full-Stack Web Application Template

* Developed a comprehensive web application starter kit utilizing Next.js, TypeScript, and ChakraUI
* Integrated NextAuth.js for secure authentication and OAuth support with GitHub, Google, and email/password options.
* Utilized Prisma and MongoDB for strong type-safety and database relations.
* Implemented tRPC for building and consuming fully typesafe APIs.
* Used Redux for efficient state management and data flow within the application.

[stephenasuncion](https://github.com/stephenasuncionDEV/stephenasuncion) — (2022) Portfolio Website

* Developed a 3D model of a room using Blender and implemented it on the website using Three.js and React Three Fiber.
* Configured code formatting and git hooks using Prettier and Husky, which significantly improved code quality and performance.
* Retrieved data from GitHub’s API using Octokit and Spotify’s API by creating a custom JavaScript class.
* Created clones of GitHub’s Git Activity, MinGW’s console, and VSCode Editor using React components and ChakraUI.

[gencomp](https://github.com/stephenasuncionDEV/gencomp) — (2022) VSCode Extension.

* Developed a VSCode extension that generates new React components from seleced code that could potentially help millions of new React users.
* Implemented a CD system that automatically compiles GitHub Repository as a vsix file and publishes it to Visual Studio’s Marketplace.
* Utilized VSCode API to create custom commands and menus.

[emoji.io](https://github.com/stephenasuncionDEV/emoji.io) — (2022) Multiplayer Online Game created with Web Sockets.

* Designed and built a web-based multiplayer keyboard game using Socket.io and HTML Canvas, featuring chat messaging and real-time player movements.
* Successfully integrated Stripe to provide a seamless payment experience for users.
* Deployed the backend on Heroku to support web sockets, and the frontend on Netlify.
* Worked closely with a fellow college student to plan and execute the project, leveraging each other's expertise to deliver a high-quality product.

kaldereta — (2021) Unsigned Kernel Mode Driver that does memory modifications.

* Developed a custom, unsigned Windows Driver that provided read/write, allocation, and memory deallocation capabilities for processes.
* Created a user-mode window application that communicates with the driver by hooking a windows function.
* Built a sample program that can scan for memory patterns and inject DLL files into processes.
* Implemented the simulation of mouse and keyboard events at the kernel level.

**EDUCATION**

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| **Diploma in Computer Studies**  Langara College – Vancouver, BC  Cumulative GPA: 3.79/4.33  Awards: Dean’s Honor Roll, 3 Terms | September 2020 – August 2022 |

**REFERENCE(s)**

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| **Nathan Lau**  CEO/Founder at Ambition  <https://ambition.so/>  +1 (778) 929-6828 |  |