STEPHEN ALLEN P. ASUNCION

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GitHub: https://github.com/stephenasuncionDEV LinkedIn: https://www.linkedin.com/in/stephenasuncion/

TECHNICAL SKILLS

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, GraphQL, Prettier, Husky, Three.js, EC2, S3

EXPERIENCE

Full Stack Developer at Ambition.so — January 2022 - Present

- Built a no-code user interface that allows users to generate NFT collections using HTML Canvas which was 7x faster than the previous generator.
- Worked on improving user flow and UI design that follows usability and accessibility best practices while utilizing auditing tools like Lighthouse for better quality.
- Communicated with team members through daily standup meetings using Discord and used Notion for agile project management.
- Debugged, fixed, and maintained 60% of the codebase with Git and Github.

CEO/Founder at NFTHost.app — December 2021 - Present

- Developed an entire full-stack web application alone that involves planning, designing, implementing, and maintaining a web application (offering Website Hosting and NFT Utilities).
- Implemented a crypto wallet authentication with JWT and secured REST API routes by using access tokens and middleware validators and sanitizers.
- Built an entire website hosting platform using Next.js that allows users to have a custom subdomain, layout templates, and user analytics.
- Added a CI system by creating GitHub Actions for running CodeQL Analysis and DockerHub Deployment.
- Partnered with other Web3 companies such as Thirdweb, Flair, and Web3 Philippines

PERSONAL PROJECTS

stephenasuncion — (2022) Portfolio Website

- Built a full-stack web application using Next.js along with its serverless functions.
- Created a 3D model of my room using Blender and implemented it on the website using Three.js.
- Set up code formatter and git hooks using Prettier and Husky which enhanced code quality by 80% resulting in better performance.
- Fetched data from GitHub's API by using Octokit and Spotify's API by making my own JS class.
- Created a clone of GitHub's Git Activity, MinGW's console, and VSCode Editor by using React Components and ChakraUI

create-typedef-app — (2022) A Full-Stack Web Application Template

- Built an entire full-stack web application starter pack using Next.js, TypeScript, ChakraUI, NextAuth.js, Prisma and MongoDB.
- Integrated Prisma with MongoDB for strong type-safety which resulted in better code quality and scalability.

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- Implemented an authentication system with NextAuth.js that includes GitHub, Google, and Credentials login.
- Secured routes by using Next.js's middleware API, checking if session token inside cookie is present in the database.

emoji.io — (2022) Multiplayer Online Game created with Web Sockets.
- Developed an entire online multiplayer keyboard game using Socket.io and Canvas with features including chat messaging and player movements.
- Implemented a payment system using Stripe.
- Deployed backend on Heroku (supports web sockets) and frontend on Netlify.
- Collaborated with a fellow college student.

gencomp — (2022) VSCode Extension that generates new React Component from selected code.
- Composed an entire VSCode Extension that could potentially help millions of new React users.
- Implemented a CI system that automatically publishes GitHub Repository to Visual Studio's Marketplace.
- Used VSCode API to create custom commands, and menus on VSCode.

kaldereta — (2021) Unsigned Kernel Mode Driver that does memory modifications.
- Created an Unsigned Windows Driver that can read/write, allocate, and free a process' memory.
- Connected driver with user mode window applications by hooking a window function.
- Built a sample program that can scan for memory patterns and inject dll files into a process.
- Implemented mouse and keyboard events simulation through kernel.

EDUCATION

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