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, Apollo GraphQL, PostHog, Prettier, Husky, Three.js, EC2, S3, Redux, tRPC, Tailwind, ChakraUI, MaterialUI

EXPERIENCE

Full Stack Developer at Ambition.so January 2022 - Present

- 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.

PROJECTS

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 — (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.

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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 — (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 — (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

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

REFERENCE(s)

Nathan Lau
CEO/Founder at Ambition
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