Steve Phan

Software Engineer

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TECHNICAL SKILLS

Programming Language Proficiency: Javascript.
Tool Proficiency: ReactJS, NextJS, Typescript, NestJS, Hardhat, Blockchain, BullMQ, Redis, Postgres.
Service Proficiency: AWS, EC2, Autoscaling, Serverless, Lambda, CI/CD Codebuild, Pinelines on AWS.
System Design: Knowledgeable about System Design, High Scalability.
Version Control: Git, Gitflow, Rebase flow.
CMS Proficiency: Strapi, Wordpress.

WORK EXPERIENCE

Sr. Software Engineer – [ASW Global - APRA AMCOS] – Writer Portal Team   Aug 2023 – Sep 2024

- **Developed APIs and UIs for writer portal admin dashboard, as well as a writer portal web application** using NodeJS, GraphQL, TypeORM and ReactJS.
- Implemented a complex share-split contributors and distributable events UI, receiving excellent feedback from stakeholders and clients.
- Identified and resolved various issues and bugs, ensuring smooth and efficient functionality of the application.
- Collaborated with the product owner and team leader to clarify and refine feature requirements and specifications.

Sr. Software Engineer – [Adriot Company] [Part-time]

- **Developed a license engine MVP for a blockchain startup, enhancing NFT minting scalability** by integrating BullMQ and Redis to optimize queue management and reduce processing bottlenecks.
- Designed and implemented Smart Contracts using Hardhat, driving the successful MVP for startup.
- Driven a seamless checkout and order management system for NFT sellers and buyers using NestJS and Refine, ensuring a smooth transaction process.
- Developed the CommerceIO MVP to manage Shopify orders (data migration to Postgres) by integrating Airbyte (open-source), Shopify Webhooks, and AWS EventBridge.

Sr Software Engineer – [Zien Solutions Company]   Oct 2020 – Aug 2023

- **Developed the entire Web + Electron App for National Gallery of Singapore** for kids for **video recording and mixing with artwork** (lauching with >20.000 videos created) by 6 months based on ReactJS, ElectronJS, NodeJS (Express), Python3 (FFmpeg, OpenCV), MongoDB, AWS (Lambda, EC2, Flashphoner, LB, Auto Scaling, Cloudfront).
- Communicated with clients to get and clarify more requirements, wrote documentations, database and system diagrams for National Gallery of Singapore project using draw.io.
- Developed feature thats allows to packaging UI (NextJS, Typescript) into CMS by 2 weeks by using Webpack, Rollup.
- Customized EditorJS npm package library for parsing HTML to JSON blocks.
- Designed Database, ERD for Strapi CMS Project (Daily News Website) in 1 week.
- Setup codebase, rules, conventions for NextJS projects and CMS.
- Led and performed code reviews for 3 junior developers on the React team (Next.js, TypeScript) to develop celebconfirmed.com.
- Mentored and helped to resolving technical issues and giving ideas database designs, system designs around teams.

Jr Software Engineer – [Bacoor Blockchain Vietnam Inc]   Aug 2019 – Sep 2020

- Developed card games UI from Figma design and fixed bugs Dapp by using ReactJS, SCSS.
- Developed admin UI and API for listing crypto trading of partners by 3 weeks by using ReactJS, Web3, NodeJS.
- Optimized API call performance from 5 seconds to 0.5 seconds by 2 hours by using hash-map.

EDUCATION

Cao Thang Technical College - Computer Science's Degree   Aug 2016 - Aug 2019

ACHIEVEMENTS

1st Place IT Olympic Vietnam 2018

- Solved 3/3 algorithm problems (algorithm challenges)