Dallas Ng

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Education

Nanyang Technological University — Singapore
Degree in Computer Science — 2023 - 2027

Nanyang Polytechnic — Singapore
Diploma in Business Informatics — 2019 - 2021

Work Experience

The SEO Copilot | Software Engineer — Dec 2023 - Jan 2024
React, Python, AWS, GAI, GSC, GCP
- Engineered automation tools to boost client SEO, optimizing indexing, analytics, and on-page/off-page strategies

Singapore Armed Forces | Artillery Officer — Aug 2021 - Aug 2023
- Developed a telegram bot with google spreadsheet integration to track parade state (leaves, MCs, medical appointments), platoon movement activity and forecasted weekly activities

WorkClass | Founding Engineer & Head of Engineering — Aug 2020 - Sep 2021
React, React Native, Django, AWS, Docker, Firebase, SQL, Agile, Scrum
- Engineer #1 and technical lead for all WorkClass, pioneered development for WorkClass services
- Responsible for SEO, outranking competitors on page 1, grew organic traffic from 0 to 50,000 clicks per month, increased click through rate by 63%, page views by 200% and indexed organic keywords by 305%
- Developed platform monetisation strategies and sales tools, created adsense strategies which produces 10% of total revenue every month
- Scaled technical architecture for 10 different services, to support 100k users, ranging from mobile apps, web apps and backend operations
- Sourced and mentored 10 interns who went on to Meta, JP Morgan, ByteDance, Shopee and Binance

RSM Stone Forest IT | Software Engineer Intern — Mar 2020 - Aug 2020
ASP.NET, .NET, .NET Core, MVC, C#, SQL, TFS
- Developed a new client on-boarding system that allows for morecustomisable procedural form filling, checking for customers' political risk and investment conflict of interest
- Developed an individual tax system that handles tax computations and XML submissions to IRAS, reduced tax computation errors by building test cases

Clickr Media | Front End Engineer — Aug 2019 - Jul 2020
HTML, CSS, Javascript, PHP
- Built websites for clients such as DBS, DHL, ExtraSpaceAsia and Blackmores.
- Migrated and built new website for all 13 DBS countries; Worked with translations, localisation and migration for all of DBS assets
- Developed an internal system that manages over 3000 projects utilizing project deadline checks and customized queries built on third-party APIs

Skills

Languages:	*Javascript, Typescript, Python, C, C#, jQuery, HTML, CSS, SASS*
Technologies:	*React, React Native, Angular, Node, Flask, Django, WPF, ASP.NET, SQL, GraphQL*
Others:	*Docker, AWS, Azure, Nginx, TFS, Git, GCP*

Projects

NTUMods *React, Next.js* — Website
A timetable planner for NTU students

Steam Account Switcher *WPF, C#, Material Design* — Website
A windows desktop application that allows users to easily switch around their steam accounts