

Nathaniel Calimag

Singapore Frontend Web Developer

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SKILLS

Frontend Development: HTML5 • CSS3 • JavaScript • React • Next.js • Vue 3 • Tailwind CSS

Familiar: Firebase • Web Design • Git • GitHub • Python

EDUCATION

National University of Singapore

Aug 2022 – Jun 2026 (expected)

Bachelor of Computing in Computer Science

- Accepted and matriculating in August 2022

Temasek Junior College

Jan 2018 – Dec 2019

GCE A-Level (Physics, Chemistry, Mathematics, Economics)

- 88.75 rank points, Academic Excellence Award (Distinction in all content subjects)

PROJECT EXPERIENCE

SUniStats - Vue

Sep 2021

<https://sgunistats.com>

- Designed UI / UX and developed a responsive, interactive single-page application with JavaScript and Vue
- Achieved **top 3 average Google search result** for 'igp calculator' through Search Engine Optimisation (SEO) techniques such as lazy-loading components, image compression and social media meta tags
- Integrated Google AdSense to generate profits, and reached over 5400 ad impressions in November 2021, resulting in **40% ad impressions growth** and **104% ad revenue increase** from the previous month
- Incorporated Tailwind CSS to produce accessible and modern visuals for both mobile and desktop devices

Personal Website - React and Next.js

Nov 2021

<https://nathanielcalimag.com>

- Utilised static site generation with Next.js for better SEO support through greater search engine visibility

COURSE EXPERIENCE

Vue Mastery

May 2021 – Sep 2021

ZTM (Udemy Certificate)

- Learned Vue and Firebase, and reinforced skills in asynchronous JavaScript, HTTP requests and error handling
- Topics covered included State Management (Vuex), Routing (Vue router), Options API and Composition API

CS50x: Introduction to Computer Science

May 2020 – Jan 2021

Harvard (EDx Certificate)

- Massive Open Online Course (MOOC) covering fundamentals of algorithms, data structures and memory management taught in C and Python

WORK EXPERIENCE

Singapore Armed Forces - Admin Support Assistant

Jan 2021 – Present (until Jan 2022)

Headquarters 9th Division / Infantry

- Created pivot tables in Excel to summarise data and coordinated appointments for supervisors

Ministry of Education - Teaching Intern (Physics and Mathematics)

Jan 2020 – Mar 2020

Ping Yi Secondary School

- Planned and conducted several lessons for lower secondary students, and supported lessons for other teachers
- Led a team of students to organise and run school activities for events such as Total Defence Day

VOLUNTEER EXPERIENCE

LEO Club - Reading Volunteer

Jan 2019 – Apr 2019

- Collaborated with other 10+ volunteers from Temasek Junior College LEO Club to arrange weekly reading lessons and engagement sessions for underprivileged students from Bedok Green Primary School