Sahithyan Kandathasan

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○ sahithyandev

About Me

I'm a passionate software engineer with over 8 years of experience crafting high-quality software, including web and mobile applications. I specialize in building responsive, high-performance, and visually appealing web apps that align with modern design trends.

Education

BSc **University of Moratuwa**, Computer Science & Engineering   March 2024 to Present
- GPA: 4.0/4.0

Extra-curricular Activities

Tech Team Lead, Mora Exams Committee   2025
- Led a team of 11 developers to further develop the technical aspects of Mora Exams

Maths Quiz, National Level   2019

Experience

Associate Software Engineer, Asta   Dec 2024 to Mar 2025
- Worked as a sole developer on their flagship product.

Intern Software Engineer, Asta   June 2024 to Dec 2024
- Worked with a small team of developers on a short term project

Projects

Turing Machine Simulator   source ↗ live website ↗
- A simple simulator to understand the working of a Turing machine.
- Tools Used: HTML, CSS, TypeScript

Spidy   sahithyandev/spidy ↗
- Priority-based web crawler.
- Tools Used: Golang, Sqlite

Cerve   sahithyandev/cerve ↗
- A simple web server for local testing
- Tools Used: C, CMake

S2   sahithyandev/s2 ↗
- Documentation of what I studied in my 2nd semester Engineering at University of Moratuwa.
- Tools Used: Astro, Starlight

GPA Tracker   sahithyandev/gpa-tracker ↗
- Minimal web application to keep track of our GPA.
- Tools Used: SvelteKit

Rando API   live website ↗

- A small collection of miscellaneous API routes for mostly my personal use.
- Tools Used: Golang

S1   sahithyandev/s1 ↗

- Documentation of what I studied in my 1st semester Engineering at University of Moratuwa.
- Tools Used: Astro, Starlight

Mora Exams Website   live website ↗

- Migrated the old PHP-based website to Astro+React based for increased performance and less hosting fees. Managed a team of 6 beginner-level developers.
- Tools Used: Astro, React, Netlify

kalvi.lk   live website ↗

- A huge repository of exam papers that are presented in a minimal website
- Tools Used: Bun, Hono, Postgres

Wizmo

- A bot to download videos from YouTube, TikTok, and Twitter. Runs on Viber and Telegram. Currently not hosted.
- Tools Used: Node, TypeScript, Express, yt-dlp

XCalc   web ↗   play store ↗

- A niche calculator app that supports additional functionality such as isPrime and primeFactorize
- Runs on web and Android
- Tools Used: React, WebAssembly (AssemblyScript)

@sahithyan/og   sahithyandev/og ↗

- A small library for generating static Open Graph images. Built on top of Satori.
- Tools Used: TypeScript

math-api

- A NPM package to transform LATEX equations into images. Ported from math.now.sh.
- Tools Used: TypeScript

Languages

Tamil - Native
English - Intermediate

Skills

Frontend Development: HTML, CSS, JavaScript, TypeScript, React, Astro, Tailwind

Backend Development: Node.js, Express, Hono, Postgres, SQLite, Golang, SQL

Others: Python, C, C++, Java, DevOps, SEO