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

Junior Developer, Reservato.ai   July 2025 to Present

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