

# Sahithyan Kandathasan

📍 Nelliady    ✉ hi@sahithyan.dev    ☎ +94701681283    🔗 sahithyan.dev    in sahithyan-kandathasan  
🐙 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 – Present  
• GPA: 4.0/4.0

## Extra-curricular Activities

**Maths Quiz**, National Level    2019

## Experience

**Associate Software Engineer**, Asta    Dec 2024 – Mar 2025  
• Worked as a sole developer on their flagship product.

**Intern Software Engineer**, Asta    June 2024 – 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

**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

### 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

## Skills

---

**Languages:** Tamil (Native), English (Intermediate)

**Programming Languages:** HTML, CSS, JavaScript, TypeScript, Golang, Python, Java, C, C++, SQL

**Technologies:** React, Astro, Tailwind, Node.js, Express, Hono, Postgres, SQLite, DevOps, SEO