

# Sahithyan Kandathasan

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👤 sahithyandev

## About Me

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Passionate software engineer with over 8 years of experience, mainly web and mobile applications. Specialized in building responsive, high-performance, and visually polished software that align with modern design trends.

When I am not immersed in code, I write about my experience and thoughts on my personal blog.

## Education

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**BSc** **University of Moratuwa**, Computer Science & Engineering March 2024 to Present  
• CGPA: 3.84/4.0

## Extra-curricular Activities

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**Tech Team Lead**, Mora Exams Committee 2025  
• Migrated the old PHP-based website to Astro+React based for increased performance and less hosting fees.  
• Led a small team of developers to further develop the technical aspects of Mora Exams, the biggest island-wide pilot examinations for G.C.E. (A/L) students.

**Maths Quiz**, National Level 2019

## Experience

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**Junior Developer**, Reservato.ai July 2025 to August 2025

**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

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**F1** website ↗  
• A mobile app for managing your personal finances and share expenses with friends.  
• Tools Used: Elysia, Postgres, React Native

**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](https://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](https://sahithyandev/s1)

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

### kalvi.lk

[live website](#)

- A huge repository of exam papers that are presented in a minimal website
- Reached 3 million downloads recently with over 50K active users
- 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

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**Tamil** - Native

**English** - Intermediate

## Skills

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

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

**Others:** Next.js, Python, C, C++, Java, DevOps, SEO