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# SAGEETH HIMACHALA

## ABOUT ME

Final-year undergraduate at the University of Moratuwa with a solid foundation in software development and internship experience. Passionate about full-stack development and machine learning. Skilled in modern technologies and focused on building efficient, user-friendly systems. Eager to apply my knowledge to real-world projects in a dynamic team.

## SKILLS

- **Programming Languages:** JavaScript | TypeScript | Python | Java | C++
- **Database:** MySQL | MongoDB | PostgreSQL
- **Technical Fields:** Frontend Development | Backend Development | Machine Learning
- **Frameworks and Libraries:** React | React Native | NodeJS | FastAPI | NextJS | Tailwind CSS | TensorFlow
- **Tools:** Git | GitHub | Docker | Supabase | Cloudflare | Vercel

## HIGHLIGHTS

- Deans List (Semester 1)
- MoraXtreme 8.0 (87th place)
- Mahapola Merit Scholarship

## EXTRA CURRICULAR ACTIVITIES

- Director of Finance and Marketing in Classical Music Society University of Moratuwa

## EDUCATION

### University of Moratuwa

2022 - Present

BSc Eng Hons, Computer Science and Engineering

- CGPA - 3.26

### H/Vijayaba National College

2010 - 2019

- AL 2020 | 3A | IR - 186
- OL 2015 | 7A 2B

## WORK EXPERIENCE

### SenzMate AIoT Intelligence

2024 Dec - 2025 May

Intern Software Engineer

- Developed the SenzMate and SenzAgro websites using Material UI and Next.js, focusing on performance, SEO, and responsive UI/UX design.
- Worked on the SenzMate website admin portal using React and Redux, implementing features for content management.
- Contributed to the ClinicIQ project, customizing themes and functionality on WordPress.
- Worked with Node.js for backend services and MongoDB for database management.

## PROJECTS

### NexLib

2024

React | NodeJS | Express | MySQL

- The system enables users to manage books, track borrow or return records, handle user registrations, and maintain real-time availability status.
- The frontend is built with React for a responsive and user-friendly interface, while the backend is developed using Node.js and Express with a MySQL database for secure and efficient data management.

### Green Cart

2025

React | NodeJS | Express | MongoDB

- Developed and deployed a full-stack grocery delivery web application using the MERN stack, integrating Stripe payment gateway for secure online transactions and deployed on Vercel.
- Built an admin dashboard with product management capabilities, enabling real time inventory control, order tracking, and comprehensive CRUD operations for the grocery delivery platform

### SmartSense Music

2025

React Native | NodeJS | PostgreSQL

- Developed a React Native app that adapts music playback in real time using sensor data, with a simple interface showing context and the current track.
- Built a Node.js and PostgreSQL backend for context extraction, playlist management and user preferences.

### My MCP Server

2025

TypeScript | MCP SDK

- Built a custom MCP server exposing two tools, for answering my CV related queries and sending emails to my gmail address via the Resend API.
- Deployed the MCP server on Cloudflare Workers, integrates seamlessly with MCP compatible clients such as Claude Desktop.