

Avaneesh Kesavan

Software Engineering Undergraduate

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📍 Colombo, Sri Lanka [in](#) avaneesh-kesavan [G](#) AvaneeshKesavan

[🔗](#) Portfolio



PROFILE

Ambitious Software Engineering undergraduate at IIT (University of Westminster), specialising in full-stack development and contemporary software engineering practices. Passionate about programming, exploring emerging technologies, and building efficient, user-friendly digital solutions. Adept at working across the tech stack using languages such as Python and Java, with a good front-end and back-end development foundation. Eager to apply problem-solving skills and technical knowledge to real-world challenges, while continuously learning and growing in the dynamic field of software development.

EXPERIENCE

Contributor 07/2025 – 11/2025
GirlScript Summer of Code

- Contributed to open-source projects by fixing bugs, adding features, and improving documentation.
- Collaborated with mentors and peers through GitHub and community discussions.

EDUCATION

BEng (Hons) Software Engineering 09/2024 – present
Informatics Institute of Technology, affiliated with the University of Westminster

Primary and Secondary Education 2010 – 2023
Hindu College Colombo

- G.C.E. Advanced Level (Physical Science) - 2C, S
- G.C.E. Ordinary Level - 6A, 3B

SKILLS





Technical Skills

- Python
- Java
- Javascript
- TypeScript
- PHP
- React
- Node.js
- Express.js
- SQL
- MongoDB
- GitHub
- Clickup

Soft Skills

- Teamwork and Collaboration
- Leadership
- Problem-solving
- Critical Thinking
- Effective communication
- Time management

PROJECTS

Budgitin  <i>Tech - TypeScript, Flutter, Python, JS, PostgreSQL</i> Built <i>Budgitin</i> , a full-stack budget tracking system with web and mobile support and a PostgreSQL backend.	09/2025 – Present
Course Management System <i>Tech - Java, JavaFx, SQL, CSS</i> A course management system built using Java and JavaFX that allows users to add, update, and manage courses, students, and enrollments through a graphical user interface.	08/2025 – Present
AlgniteX - Business analytics platform  <i>Tech - TypeScript, Node.js, MongoDB</i> Implemented <i>AlgniteX</i> , a scalable analytics system that processes multi-source data to generate trends, anomalies, and risk metrics.	10/2025 – 11/2025
Elder – Full-Stack Web Platform for Elder Services  <i>Tech - EJS, JS, Node.js, SQLite</i> Developed an elder care service website with authentication and admin management using Node.js and SQLite.	04/2025 – 07/2025
SDG Website  <i>Tech - HTML5, CSS3, JS</i> Created a website for Life Below Water (SDG 14) using HTML, CSS, and JavaScript.	02/2025 – 03/2025

CERTIFICATIONS

Professional Certificate in Machine Learning <i>PDU - Informatics Institute of Technology</i> 07/2025 – 09/2025
Agile Explorer <i>IBM</i> 09/2025
Introduction to AI and Machine Learning on Google Cloud <i>Google Cloud Training Online</i> 08/2025
Postman API Fundamentals Student Expert <i>Postman</i> 06/2025
Professional Certificate in Web Development <i>PDU - Informatics Institute of Technology</i> 06/2024 – 09/2024

VOLUNTEERING

IET On Campus IIT <i>President</i> 01/2026 – Present
<ul style="list-style-type: none">Supported planning and execution of events during the logistic lead period, including the IET Installation Ceremony, Cipher, and IET Summer School, assisting with coordination and logistics management.

LANGUAGES

English – Fluent
Tamil – Native/Bilingual
Sinhala – Proficient

REFERENCES

Rajasingam Sanjaiyan , <i>General Manager</i> , Aventage Labs (Private) Limited sanjaiyan.rajasingam@aventagelabs.com, +94 779 301 935
Uthpala Sooriya-Arachchi , <i>Lecturer</i> , Informatics Institute of Technology uthpala.n@iit.ac.lk, +94 743 922 331