Senuth De Silva
Undergraduate

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GitHub: **https://github.com/SenuthDeSilva**

EDUCATION

Informatics Institute of Technology (IIT)   **Colombo**
Bsc in Computer Science   *Expected Graduation,   Jan 2026*
- o **Related Coursework:** Data Structures & Algorithms,Java,python, Machine Learning, Artificial Intelligence, Object-Oriented Programming,Robotics

Asoka Vidyalaya   **Colombo**
O/L   *May 2022*

PROJECTS

MINDFORGE(Lms fullstack Project)
Team Member   *may 2024*
- Developed a full-stack website for programming courses with certification, integrated interactive learning, and implemented a CI/CD pipeline for seamless deployment.
- Project Github Repo- https://github.com/mahdiisabry1/SDGP-Repository

Forever(E-Commerce website)
Front-End Project
- Developed a **frontend e-commerce website** for clothing. using **React.js**, **Node.js** and tailwind CSS.
  Project link- SenuthDeSilva.github.io/Forever
  Github link- https://github.com/SenuthDeSilva/Forever

Object Detection/Cat and dog image prediction
Machine learning
- Developed and optimized deep learning models for image classification using CNNs, data augmentation, advanced preprocessing, and performance evaluation, achieving high accuracy and F1-scores..
  Project Github Repo- https://github.com/SenuthDeSilva/object-Image-Recognision
  Project Github Repo- https://github.com/SenuthDeSilva/Cat-and-dog-recognition

Chat application
full stack
- Developed an innovative full-stack application utilizing **React.js** for the frontend and **Node.js** for the backend, with **Firebase** as the database solution, ensuring seamless real-time data synchronization and scalability.

Password generator website
- JavaScript Password Generator Password generator website.
  Github Repo- https://github.com/SenuthDeSilva/Password

OOP
- JavaScript Created main 4 Classes and main shopping center.

RESTful Health System API
- Developing a RESTful Health System API for patient management, appointments, medical records, and prescriptions, serving as a foundation for healthcare applications.

ACTIVITIES AND LEADERSHIP

Main batch representative in level 4 and Level 5   IIT University
Member of LEO CLUB of IIT   IIT University
Member of IEEE Computer Society   IIT University

CERTIFICATES

Foundation Certificate in Higher Education in Informatics Institute Of Technology   *May 2022 – Dec 2022*
Generative AI for Data Analysis and Data Science (UOM)
AWS Essential Training for Developers(UOM)
Microsoft Azure Machine Learning Fundamentals(UOM)

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB
Tools: IntelliJ, PyCharm, AWS, Jupyter Notebooks, Git,Colab, firebase, mongodb