

Dilukshan Sathiyamoorthy

Colombo, Sri Lanka | +94 777043211 | Dilukshan.js@gmail.com
linkedin.com/in/sdilukshan1 | github.com/Dilukshan-S | Portfolio

Skills

Programming: Java, Python, JavaScript, TypeScript, PHP

Frontend: React.js, React Native, HTML5, CSS3

Backend: Node.js, Nest.js, PHP

Databases: MySQL, MongoDB, Firestore, PostgreSQL

AI/ML: TensorFlow, Keras, OpenCV, PyTorch, Hugging Face Transformers (BART)

Tools & APIs: Git/GitHub, REST API, Google Maps API, CI/CD, Vite

Languages

English (Fluent)

Tamil (Native)

Sinhala (Conversational)

Volunteer

IEEE Member (2024–Present)

Rotaract Club of IIT (2021–Present)

School Cricket Team Coordinator (2019–2020)

Training

AWS re/Start Program(Sep 2025 - Present) — CurveUp

Cloud fundamentals, Linux, Networking, AWS services, Python

References

Gavissna Raviendran
Senior Executive - Data Engineer
Octave - Data and Analytics
Division, John Keells Holdings
076 833 3201
gavissna161199@gmail.com

Aasif Shakoor
CEO & Director, Cloud99X Ltd
076 855 1032
aasifshakoor2002@gmail.com

Professional Summary

Software Engineering graduate and full-stack developer with 1+ year of experience building web and AI features. Skilled in React, Node.js, Python (AI/ML) with experience in optimizing production performance.

Experience

Full Stack Developer Intern, Cloud99X Ltd | 07/2023 – 07/2024

- Delivered production-ready features in React.js, React Native, and Node.js. Reduced bug reports during testing.
- Integrated Google Maps API for real-time location services.
- Refactored backend modules, reducing API response latency by 15%.
- Implemented and maintained services using Nest.js and Firebase for reliability at scale.
- Collaborated on AI-driven automation pipelines and model integrations.

Education

BEng (Hons) Software Engineering, Informatics Institute of Technology affiliated with University of Westminster (09/2021 – 09/2025)

Degree Classification: Second Class Honours (Upper Division)

Cambridge A-Level: 3A's, 1B, Oasis International School (2020)

Projects

- Summarizer:** Full-stack video summarization system — transcribes audio, ranks segments, and generates short summary videos with TTS. Implemented real-time progress updates using Server-Sent Events (SSE).
Python Flask (REST API) PyTorch facebook/bart-large-cnn (BART)
OpenAI Whisper (base) sentence-transformers (all-MiniLM-L6-v2 / SBERT)
torchvision (ResNet50, R3D-18) librosa noisereduce moviepy gTTS rouge_score
scikit-learn React.js
- MindMate:** Group project — detects negative emotions from facial and audio inputs, and provides supportive suggestions.
Python TensorFlow Keras OpenCV librosa NumPy Pandas Firebase
- HomeTeg:** E-commerce system built with PHP and SQL — CRUD, optimized queries and product management.
PHP MySQL SQL (queries / optimization) HTML/CSS
- Skin Consultation Centre:** Java app with console + Swing GUI. Doctor/patient management and consultations.
Java Swing JUnit Collections / UML design