



K . L . CHATHURANGI

COMPUTER SCIENCE AND ENGINEERING
UNDERGRADUATE

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<https://www.kaggle.com/chathurangikl>

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ABOUT ME

Passionate Computer Science and Engineering undergraduate specializing in Data Science and Engineering, dedicated to expanding knowledge and skills through innovative projects and hands-on learning opportunities.

SKILLS

- **Programming Languages:** Python | Java | JavaScript | SQL
- **Machine Learning :** Pandas | scikit-learn | TensorFlow
- **Full Stack Development :** Java (SpringBoot) | JavaScript (Node) | Python (FastAPI)

HIGHLIGHTS

- Dean's List: Semesters 1 & 3
- Finalist in Idealise 2024
- Finalist in Devthon 2.0
- Finalist in Technovation 2025
- Accepted Author at ADScAI Summit
- Island 90th, District 32nd at GCE Advanced Level 2021 in Physical Science Stream

EDUCATION

- BSc Eng Hons, Computer Science and Engineering 2023 - Present
University of Moratuwa
Specializing in Data Science and Engineering
- Visakha Vidyalaya 2021
GCE A/L 2021 : 3A s in Physical Science Stream
Island 90th , Colombo District 32nd

PROJECTS

Upgrade Profile (Ongoing)

A web application to create and enhance resumes, find jobs which suit user CVs and provide tailored recommendations to improve career-neccessary skills.

Next JS, FastAPI, ChromaDB, Google Gemini AI

<https://upbyhalcyon.netlify.app/>

<https://github.com/Team-Halcyon/upgrade-profile-new.git>

Athwela

Web platform designed to connect donors with verified social welfare causes, providing a secure and transparent environment for fundraising. Firebase, React JS

<https://github.com/Team-Halcyon/Athwela-01.git>

Healthcare Management System

HMS with appointment and scheduling services, blockchain powered health record storing, AI - based medical diagnostics, health analytics and decision support.

<https://github.com/Apex-Innovations-LK/Healthcare-Appointment-and-Management-System.git>

Airline Reservation System

Semester project for Database Systems in Semester 3

<https://github.com/mickymarsh/Airline-Reservation-System.git>

CERTIFICATIONS

- **Advanced Learning Algorithms**
DeepLearning.AI
<https://coursera.org/share/6f503222dd8e3869a84a186904d4e1d0>
- **Supervised Machine Learning: Regression and Classification**
DeepLearning.AI
<https://coursera.org/share/fcf6d69f7041dd4fd417e0fc6c66767a>
- **Vector Databases : An Introduction with ChromaDB**
IBM
<https://coursera.org/share/24dbd8b68e25a734c426919996fa5632>

PAPERS PUBLISHED

- **"CatBoost and Random Forest Algorithms in a Binary Classification Tasks"**
At Applied Data Science & Artificial Intelligence Summit 2025 (ADScAI), hosted by the Department of Computer Science and Engineering, University of Moratuwa.