

DULANA CHATHURMA

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• [My Portfolio Website](#)

PERSONAL PROFILE

Aspiring **Artificial Intelligence and Machine Learning Engineer**, currently pursuing a **B.Sc. (Hons) in Software Engineering** at the **University of Kelaniya**. Passionate about developing intelligent systems that integrate **AI, robotics, and automation** to enhance precision and decision-making. Skilled in programming, creative problem-solving, and applying modern technologies to innovative projects.

EDUCATION

Bachelor of Science (Honours) in Software Engineering **2025, April 7-Present**
• B.Sc. (Hon's) in Software Engineering (Second Year Undergraduate) Key Coursework: Problem Solving, Databases, Object-Oriented Programming, Data Structures and Algorithms.

H/Rajapaksa National College Weeraketiya **(2020-2024)**

G.C.E. Advanced Level – Physical Science
Year (2023(2024))

- Combined Mathematics – **A**
- Physics – **B**
- Chemistry – **B**
- **Z-Score:** + 1.4975

PROJECTS

Personal Portfolio Website & YouTube Frontend UI Clone Project

- Developed a responsive personal portfolio to showcase skills and projects.
- Technologies: HTML, CSS, JavaScript

Sriseta Official Website | Dec 2025 – Present

- Modern astrology platform with live horoscopes, service booking & WhatsApp integration.
- Mobile-friendly UI for seamless user experience.
- **Technologies:** React.js, HTML5, CSS3, JavaScript

User Management Application | Sep 2025 – Oct 2025

- Full-stack CRUD web app for user data management using Spring Boot, React.js & MySQL.
- Structured backend and responsive frontend for efficient operations.
- **Technologies:** Java, JavaScript, Spring Boot, React.js, MySQL

WeatherSphere Pro App | Dec 2025 – Present

- Responsive weather web app providing real-time updates with clean UI.
- **Technologies:** React.js, HTML5, CSS3, JavaScript, Weather API

TravelScope Website | 2025 – Present

- Comprehensive travel platform highlighting Sri Lanka with Google Maps integration.
- Interactive UI for immersive digital travel experience.
- **Technologies:** React.js, HTML5, CSS3, JavaScript, Google Maps API

AI Career & University Recommendation System & **NexGenAI is LIVE** (Mar 2026 – Present)

- AI system recommending career paths & universities based on academic data and interests.
- **Technologies:** Python, Machine Learning, Flask

TECHNICAL SKILLS

Programming Languages: C, Java, Python, JavaScript, PHP, SQL (MySQL)

Markup & Styling Languages: HTML, CSS

Specialized Areas: Artificial Intelligence, Machine Learning, Deep Learning, Robotics, Web Development

Tools & Platforms: VS Code, GitHub, GitHub Copilot

SOFT SKILLS

Team Collaboration

Problem Solving

Creativity & Innovation

Continuous Learning

EXPERIENCE, CERTIFICATIONS & VOLUNTEERING

- **Junior Hack 7.0** – Participant, University of Kelaniya
- **Paramount 5.0** – Department of Mathematics in University of Kelaniya
- **Microsoft Certificates** – Microsoft Learn
- **AWS Certificates** – Amazon Web Services (AWS)
- **English Language Course** – University of Oxford (Online)
- **Programming Course** – University of Moratuwa (Online)
- **Python, Java & AI Courses** – Udemy Online Platform
- **Gaval Club** – Coordinator, University of Kelaniya

REFERENCES

Prof. (Mrs.) I. U. Hewapathirana

Software Engineering Teaching Unit, University of Kelaniya, Sri Lanka, (+94) 77 732 9626,

✉ ihewapathirana@kln.ac.lk

Vipun Sanjana Jayathunga

R&D Software Engineer Intern – Cloud Security Operations Center at WSO2

Final-Year Software Engineering Undergraduate, University of Kelaniya

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