



CHATHURI NIROSHA

Undergraduate Software Engineering

[My Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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OBJECTIVE

Software Engineering undergrad passionate about building intelligent, Machine Learning. Seeking an **AI/ML** or **Software Engineering** internship to apply academic knowledge, develop practical solutions, and contribute to impactful projects while gaining hands-on industry experience.

EDUCATION

BSc (Hons) in Information Technology in Software Engineering – Sri Lanka Technology Campus, Padukka.
(Expected Graduation - 2026)

- Relevant Modules – Artificial Intelligence, Machine Learning, Data Structures & Algorithms, Software Architecture.
- Current GPA – 3.15

2020 GCE Advanced Level
Gothami Balika Vidyalaya, Colombo 10, Technology Stream - 3C

SOFT SKILLS

- Problem Solving
- Team Collaboration
- Communication
- Time Management
- Adaptability

LANGUAGES

- English
- Sinhala

PROJECTS

MoodMate – (Final Year Project - Ongoing)

- Built an interactive platform combining **real-time emotion detection** with virtual pets to support mental well-being; developed a **voice recognition ML model** to detect emotional tone in speech

Network Intrusion Detection System Using Machine Learning

- Developed ML models using **NSL-KDD** and **CICIDS 2017** datasets to detect network threats.

Sri Lankan Cricket Squad Selection Using ML

- Designed a prediction system for optimal player selection based on historical performance and match conditions.

TECHNICAL SKILLS

Programming Languages – Python, Java, C, JavaScript, HTML, CSS, React.js, Node.js, Flask

ML/AI – Scikit-learn, TensorFlow, PyTorch, Pandas, OpenCV

Databases – MySQL, MongoDB

Tools – Git/GitHub, Jupyter Notebook, Wireshark, Power BI, Docker, AWS(Basic).

Other – Data Visualization, Data Preprocessing, Model Training & Evaluation, API Integration, Agile Methodology (Scrum).

LEADERSHIP & ACTIVITIES

Leo Club of Sri Lanka Technology Campus – Project Chair, Member (2023–Present)

- District President Appreciation** – Club Coordinator, Leoistic Year 2024/25 (Leo District 306 A2 – A2Con'25)
- Most Outstanding Project Secretary** – Leo Club of SLTC, 2023/24
- Directed and contributed to 10+ community projects

AIESEC in SLTC – Active Member & Leadership Board Member for OGV Function (2023-2024)

- Organized and led **Outgoing Global Volunteer** (OGV) programs, coordinating teams and ensuring successful execution.

CERTIFICATIONS

- Introduction to Machine Learning – Kaggle
- Intermediate Machine Learning – Kaggle
- Intro to Deep Learning - Kaggle

REFERENCE

Mr. Hasitha Gunasekara
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