CHALANI NADEESHA

Undergraduate Software Engineering

LinkedIn | **GitHub** | **Portfolio**
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OBJECTIVE

Motivated and detail-oriented undergraduate with a strong foundation in software development, data analysis, and machine learning. Seeking an internship opportunity in **Software Engineering** or **AI/ML Engineering** to apply programming skills, enhance practical knowledge, and contribute to innovative projects.

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 – 3.21

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

Happy Path – Learning Management System for Down syndrome Children (Final Year Project - Ongoing)

- Built backend of an assistive app for children with Down syndrome, integrating an AI-based emotion detection model with Flask API.
- Trained and optimized the model using Python, OpenCV, and deep learning for real-time predictions.

Emotion Recognition system

- Developed an AI-based emotion recognition system using computer vision and deep learning to accurately detect and classify expressions in real time.

Sri Lankan Cricket Squad Selection Using ML

- Designed an ML system for optimal player selection using regression models and feature engineering; developed the frontend interface.

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 Technological Campus – Club Secretary (2024/2025)

- Managed communications, events, and documentation.
- Achievements at A2Con'25: Best Administered Club (1st RU), Most Outstanding Secretary (2nd RU), District Contest Excellence (1st RU).

Leo Club of SLTC – Director of Poverty & Betterlife (2023/2024)

- Led community service initiatives on poverty and social welfare.

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

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

CERTIFICATIONS

- Kaggle – Introduction to ML
- Kaggle – Introduction to DL
- Coursera – How to create a Jira SCRUM project.
- DeepLearning.AI – Generative AI

REFERENCE

Mr. Hasitha Gunasekara
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