THILINA NUWAN PREMACHANDRA

- Full Name : A.H.T.N. Premachandra
- Address : Subasethagama, Kobeigane, Kurunegala
- Year of Birth : 1998
- Gender : Male

- Phone : 0772382220
- Email : thinupre@gmail.com
- Linkedin : www.linkedin.com/in/thilina-premachandra
- Github : https://github.com/thilinapremachandra

SUMMARY

Adaptable IT undergraduate passionate about AI, ML, and Frontend Development, quickly learning new technologies to meet company needs and deliver high-quality solutions.

EDUCATION

- BSc. Information Technology | Rajarata University of Sri Lanka | *2020 - Present*
- Higher Diploma in Software Engineering | Wayamba University of Sri Lanka | *2022*
- Diploma in English | Wayamba University of Sri Lanka | *2020*
- GCE Advanced Level Examination (Science Stream) | St. Anne's College, Kurunegala | *2019*
- GCE Ordinary Level Examination | St. Anne's College, Kurunegala | *2014*
  (Basket Subjects: English Literature, Tamil, Information Communication Technology)

SKILLS

- Programming Languages: *C, C++, Java, Python, .NET*
- Web Development: *HTML, CSS, JavaScript, React*
- Mobile Development: *Android (Java)*

- Machine Learning & Deep Learning - *Supervised/Unsupervised Learning, CNN, RNN*
- Data Science: *Python, SQL*

LANGUAGES

- English - Professional Working Proficiency

- Sinhala - Native

PROJECTS

- **Research project - AI-Based User Personalizing Interior Color Matching Tool with Mobile App (FYP)** | Project Lead | *Developed an AI-powered tool that personalizes interior color recommendations based on user preferences, room complexity, and color and texture analysis, incorporating color theory principles. The system integrates color detection, user clustering, AI-driven recommendations, and real-time visualization to enhance the user experience. A mobile application was built to allow users to preview and select colors interactively within their interiors.*
- **Mini Project - Artificial Neural Network-Based Tree Classifier**
- **Sales and Inventory Management System** | *Developed a POS system with a React-based frontend to support sales and inventory operations.*
- **Student Management System** | *Developed a desktop-based CRUD application using C# and .NET with SQL Server for managing student records.*

PROFESSIONAL MEMBERSHIPS

- Member, IEEE
- Member, IEEE Student Branch (RUSL)

- Quiz Master, Frontiers in Tech - Tech Talks Series
- Project Lead, IEEEXtreme 18.0 - RUSL

CERTIFICATIONS

- AWS Educate
  - ✓ Introduction to Generative AI
  - ✓ Getting Started with Cloud Operations
  - ✓ Getting Started with Storage
- Google AI - Introduction to Large Language Models (LLMs)

- Microsoft - Introduction to .NET
- SLASSCOM - Professional Skills Program
- ChatGPT - ChatGPT Prompt Engineering for Developers

REFERENCES

Available upon request.