



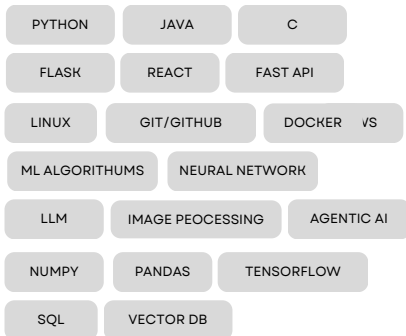
NIPUNA JANARANJANA

Undergraduate

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TECHNICAL SKILLS



SOFT SKILLS

- Team Work
- Leadership
- Critical Thinking
- Problem Solving
- Communication
- Time Management

REFERENCES

DR. D. L. CHAMARA PRAMOD LIYANAGE

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ABOUT ME

I am Nipuna Janaranjana, passionate about AI and ML, with a focus on emerging trends like Generative AI, Agentic AI, and Computer Vision. Through my academic journey, I've had the opportunity to explore image processing and related technologies. I believe that success is built on countless failures, where each setback fuels the next step toward innovation.

EDUCATION

BACHELOR OF INFORMATION AND COMMUNICATION TECHNOLOGY (HONS)

- Faculty of Technology, University of Sri Jayewardenepura
- 2022 - Present

G.C.E. ADVANCED LEVEL IN TECHNOLOGY

- A/Mihinthale M/V
- Engineering Technology (District Rank - 20)

PROFESSIONAL CERTIFICATES

AWS CLOUD PRACTITIONER ESSENTIALS CERTIFICATE

- Amazon Web Services (AWS)
- 2024

AI/ML ENGINEER - STAGE II

- Sri Lanka Institute of Information Technology (SLIIT)
- 2024

PROJECTS

RESEARCH GAPS IDENTIFIER

(2024)

- Built Research Gaps Identifier with LLaMA 3.1, Flask, and Groq Cloud.
- Streamlined gap detection for academic research

CNN-BASED POTATO LEAF DISEASE CLASSIFICATION.

(2025)

- Built FastAPI backend for CNN-based potato leaf disease classification.
- Enabled real-time image classification with TensorFlow and /docs API.

LLAMA FOR MENTAL HEALTH SUPPORT

(2025)

- Fine-Tuned LLM with LoRA for mental health support.
- Used Medical Q&A Data from doctors and consultants.

CALMMIND AI(ON GOING)

(On Going)

- Built CalmMind AI for stress relief using LLaMA and Groq API.
- Utilized RAG for personalized, AI-driven support.

ABNORMAL BEHAVIOR DETECTION

(On Going)

- MediaPipe Pose Estimation
- LSTM for action recognition.
- TensorFlow for model training

MULTI AI AGENT SYSTEM

(2025)

- Phidata to create agents
- Developed web search, finance, and team leader agents.
- LLM for LLAMA