

K N NIVEDH

AI/ML ENGINEER

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EDUCATION

- SDM COLLEGE OF ENGINEERING AND TECHNOLOGY 2022 present
- CGPA - 7.89
- BASE PU COLLEGE HUBBALLI 2020 - 2022
- Percentage - 61.6%

PROFILE SUMMARY

A dedicated and resourceful B.E student specializing in Artificial Intelligence and Machine Learning at SDM College of Engineering and Technology. Proficient in Python, C, and advanced ML frameworks such as TensorFlow and Scikit-learn. Passionate about innovation, problem-solving, and continuous learning. Seeking opportunities to contribute to impactful projects while expanding technical expertise.

EXTRA-DEGREE

- INDIAN INSTITUTE OF TECHNOLOGY (IIT),
- ROPAR MINOR IN AI/ML
- 2025 present

EFFECTIVE PROJECTS

LAW-GPT: Autonomous Indian Legal AI (chat-bot)

Built a high-accuracy legal AI trained on 5M+ Indian legal documents — the largest structured corpus in Indian legal tech. Engineered a RAG + Knowledge Graph (Neo4j) system for deep reasoning, precedent analysis, and binding judgment retrieval. Fine-tuned Llama-3-70B for Indian legal language, achieving 98%+ accuracy with zero hallucinations via multi-source validation.

Developed autonomous modules for real-time data ingestion, case prediction, legal drafting, and multilingual support (English, Hindi, regional languages). Scaled across constitutional, criminal, civil, cyber, and state-specific laws. Integrated with NLUs and legal aid systems to democratize justice access.

Extended to 10+ Commonwealth nations (Bangladesh, Kenya, UAE, Canada) using an Indian legal core for cross-jurisdictional reasoning. Pioneered ILLM — India's first sovereign legal language model — ensuring data, legal, and linguistic independence.

OpenGenNet AI: The Self-Healing, Multi-Vendor Chatbot for Network Engineers

Built a world-class network AI trained on 500+ expert scenarios — the most rigorous test corpus in open-source networking. Engineered a RAG + Self-Improvement system for deep protocol reasoning, BGP/IPv6/EVPN analysis, and multi-vendor command accuracy. Fine-tuned Qwen2-72B and Llama 3-70B for network intelligence, achieving 9.5/10 accuracy with zero generic fallbacks via automated validation. Developed autonomous modules for real-time diagnostics, predictive failure analysis, risk-aware remediation, and multi-vendor command translation. Scaled across BGP, EVPN, cloud, security, and wireless domains. Integrated with live devices and dashboards to empower NOC/SOC teams. Pioneered OpenGenNet — the first self-testing, self-healing, sovereign network AI — ensuring technical, operational, and vendor independence.

My GitHub account contains details of my innovative projects. Please review them.

TECHNICAL SKILLS

- Python
- AI/ML
- C
- PL Sql
- UI/UX
- Neural Network

EXTRA SKILLS

- VIDEO EDITING (DAVENCI, ADOBE)
- Freelancing in video editing(made for 1.3M ytber
- Canva AI: Master Canva AI Tools For Better Designs

LANGUAGES

- English: Fluent
- kannada: Fluent
- Hindi: Fluent
- Sanskrit: Intermediate

Certifications

Machine Learning for All - Coursera course by the University of London, Introduction to Machine Learning course in Infosys Springboard

👉 The n8n project is uploaded in it.

👉 To verify all certificates, go through this link.

https://drive.google.com/drive/folders/1rY43b_yeVrGb5fbZRBf3Yrwob9Anp9oR

INTERNSHIP

Indian Institute of Information Technology (IIIT), Dharwad Project: Hate Speech Detection Using Machine Learning

Developed a model to detect hate speech in code-mixed social media comments. Secured 3rd rank in Task A of the ICON 2024 Shared Task (Decoding Fake Narratives in Spreading Hateful Stories). Published a research paper titled "**A Machine Learning Framework for Detecting Hate Speech and Fake Narratives in Hindi-English Tweets.**"

<https://github.com/Nivedh12121/A-Machine-Learning-Framework-for-Detecting-Hate-Speech-and-Fake-Narratives-in-Hindi-English-Tweets>

Paper Publication - Hate Speech Detection Using ML:

Published research on detecting hate speech in code-mixed social media comments. Secured 3rd rank in Task A of ICON 2024 and presented a paper at IIIT Dharwad on identifying fake narratives in Hindi-English tweets.