Lakshman B

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PROFILE

A dedicated Artificial Intelligence and Machine Learning undergraduate with hands-on experience in developing scalable, data-driven solutions. Strong analytical and problem-solving abilities with a keen interest in applying machine learning techniques to solve real-world problems and contribute to impactful projects.

SKILLS

Programming Skills - Python, Java, SQL, C++

AI / ML - Scikit-learn, TensorFlow, CNN, NumPy, Pandas, Matplotlib

Databases - MySQL, PostgreSQL

Soft Skills - Leadership, Team Player, Communication

EDUCATION

Bachelor of Technology – Artificial Intelligence and Machine Learning	2022 – 2026
R.M.D Engineering College	CGPA: 6.96*
Senior Secondary (CBSE)	2021 – 2022
Narayana E-Techno, Vellore	69.4%
Secondary School (CBSE)	2019 – 2020
Sunbeam CBSE, Vellore	83.2%

PROJECTS

Cold Email Generator (AI-Powered System)
- Designed and developed an AI-driven system to generate personalized B2B cold emails by analyzing prospect and company data
- Implemented prompt engineering techniques to create context-aware, human-like outreach messages
- Built using Python, LangChain, GPT-4o, Claude 3.5, and third-party APIs
- Automated email customization based on industry, role, and intent signals, improving response rates

Cancer Detection Using Deep Learning
- Developed CNN-based models to classify medical images as benign or malignant
- Applied image preprocessing, normalization, and data augmentation to improve robustness
- Implemented using TensorFlow/Keras and OpenCV for model training
- Achieved prediction accuracy of 92% using validation metrics

PROFESSIONAL EXPERIENCE

Machine Learning Intern — Corizo Edu-Tech (Remote)   Jul 2024 – Aug 2024
- Built a heart disease prediction model achieving 92% accuracy
- Performed data preprocessing, feature engineering, and model validation

CERTIFICATIONS

Microsoft Azure Cloud Fundamentals

Oracle OCI Data Foundations

Oracle Generative AI

Infosys Springboard ML Foundations