Naresh V

Machine Learning Engineer

✉ nareshvenkadesh@gmail.com
📞 +91 8122815315
📍 Coimbatore, India

in linkedin.com/in/naresh-v
⌗ github.com/nareshv-dev
</> leetcode.com/u/Naresh_V
🔗 codolio.com/profile/Naresh%20V

Machine Learning enthusiast with hands-on experience in developing end-to-end, real-time projects. Strong foundation in core ML concepts and actively expanding expertise into advanced machine learning techniques to build scalable, impactful real-world solutions.

Education

KPR Institute of Engineering and Technology   **07/2023 – 08/2025**
Bachelor Of Engineering   *Coimbatore, India*
- Major: Computer Science
- CGPA: 8.36

Work Experience

National Institute of Technology (NIT)   **06/2025 – 08/2025**
Research Assistant   *Trichy*
- Completed a research internship on Insect Contamination Detection involving problem formulation, literature review, data handling, and advanced detection approaches.

Fourth Dimension Advisory Company   **01/2025 – 02/2025**
Data Analyst (Internship)   *Mylapore, Chennai*
- Completed a data visualization internship, gaining hands-on experience in developing interactive dashboards and converting complex datasets into meaningful visual insights.
- Tech Stack: Power BI, Excel, Streamlit, Python.

Kyungpook National University   **04/2023 – 05/2023**
Machine Learning Research Intern   *South Korea (Remote)*
- Completed a Machine Learning Internship under KNU, South Korea, focused on Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning (DL) fundamentals.
- Implemented key ML workflows including data preprocessing, model training, and evaluation.
- Tech Stack: TensorFlow, Pandas, NumPy, Ultralytics.

Projects

MedConnect: Offline AI Chatbot for Rural Healthcare Assistance ⌗   **10/2025**
- Built an offline, multilingual medical chatbot to assist rural healthcare workers with symptom guidance and first-aid support. Designed to function reliably in low-resource, internet-limited environments.

AI-Driven Insect Contamination Detection System   **06/2025 – 08/2025**
- Designed a system to identify insect contamination in agricultural products using structured analysis and advanced pattern recognition techniques.

Disaster Relief Through Drone-Assisted Victim Identification ⌗   **12/2024 – 02/2025**
- Designed an AI-powered drone system for real-time victim detection and localization. Implemented computer vision and deep learning pipelines for human detection and coordinate extraction from aerial imagery.

Real-Time Fall Detection System for Elderly Patients Using Monocular Cameras ⌗ **10/2024 – 11/2024**
- Developed a real-time monocular camera–based fall detection system achieving 96% accuracy using pose estimation.

PII Detection and Encryption for Secure Data Handling ⌗   **09/2024 – 10/2024**
- Built an AI-based system to detect sensitive personal information across text and image data with secure encryption.
- Ensured privacy compliance and scalability through optimized data processing.

Honors and Awards

Brilliant Bharath Hackathon – Participated in the Brilliant Bharath Hackathon conducted by Arivial Sangam and won 3rd prize.   *03/2025*
KPR - Ignitron Trophy – Participated in Ignitron trophy that was held at KPR and won 1st prize in Hackathon.   *09/2024*
Nehru College "Cybernautz" – Won 1st prize in Paper Presentation.
KGiSL College – Won 2nd prize in Paper Presentation and 3rd prize in Exotica (2 times).
IEEE Ideatronic - KPRIET – Won 3rd prize in Paper Presentation.

Certificates

Machine Learning Specialization – Completed the Machine Learning Specialization by DeepLearning.ai, mastering core ML algorithms using Python-based libraries.   *11/2023 – 01/2024*
Infosys Springboard – Coursework & Certifications in Artificial Intelligence and Data Science.   *2024 – 2025*
Salesforce Trailhead – Large Language Models, Natural Language Processing Basics, Generative AI Basics, Artificial Intelligence Fundamentals, Cert Prep: Agentforce Specialist.   *2025*
Kaggle Courses – Intro to Programming, Intro to Machine Learning and Pandas, 5-Days AI Agents Intensive Course. *06/2023 – 02/2025*
Google Courses – Machine Learning Crash Course: Linear Regression, Logistic Regression and Classification. GDG DevFest (2023).   *10/2023 – 11/2025*

Technical Skills

Languages: Python, Java
AI/ML: Machine Learning, Data Science, Deep Learning, Computer Vision , Natural Language Processing

Languages

Tamil (Native), English (Proficient)