

Mohammed Nabeel N H

+91 9845940248 ◇ nabeelsheik8800@gmail.com ◇ Mysuru, Karnataka, India ◇ [GitHub](#) ◇ [LinkedIn](#) ◇ [Portfolio](#)

SUMMARY

Aspiring Machine Learning Engineer with hands-on experience in computer vision, deep learning, and real-time ML systems. Skilled in building end-to-end ML pipelines, model deployment, and API integration. Actively seeking AI/ML internship opportunities to apply and grow practical skills.

SKILLS

Programming Languages: Python, SQL, C

Machine Learning & Deep Learning: Machine Learning, Deep Learning Convolutional Neural Networks (CNNs) Regression, Classification

Frameworks & Libraries: PyTorch, TensorFlow, Hugging Face OpenCV

MLOps & Deployment: Flask, FastAPI Docker Model Deployment & API Integration

Cloud & Databases: Google Cloud Platform (GCP) MongoDB AWS S3 (basic usage)

Tools & Version Control:

AI Concepts: Generative AI Large Language Models (LLMs) Prompt Engineering

Languages: English, Hindi, Kannada, Urdu

PROJECTS

Krishi Sakhi – AI Agriculture Assistant [Link](#)

- Built a **CNN-based computer vision system** to detect crop diseases from images using deep learning.
- Automated disease identification to support **data-driven decision-making for farmers**.

Emotion Detection System (CNN) [Link](#)

- Developed a **real-time emotion recognition system** using CNNs and live webcam input.
- Classified facial expressions (happy, sad, angry, neutral) using **OpenCV-based video processing**.

House Price Prediction System [Link](#)

- Implemented a **machine learning regression model** for predicting house prices in Python.
- Performed **data preprocessing, feature engineering, and model evaluation**.

ENTERPRISE GRADE Real-Time DDoS-Detection System (CNS) [Link](#)

- Built a **real-time DDoS detection platform** using ML-based network traffic classification.
- Designed an **interactive Streamlit dashboard** for attack analytics and visualization.

Hybrid Cryptography Cloud Data Protection (CC) [Link](#)

- Developed a **secure cloud storage solution** using **AES-256 and RSA-2048 hybrid encryption**.
- Implemented secure file upload, decryption, and retrieval using **AWS S3**.

AWARDS & ACHIEVEMENTS

Student Ambassador

Let's Upgrade

Oct '25

EDUCATION

Bachelor of Engineering in Computer Science and Artificial Intelligence, Maharaja institute of technology

- currently in 5th Semester

Sep '23 — Present
Mysuru, India

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate, oracle

Artificial Intelligence Fundamentals, IBM

DeepLearning AI, Coursera

Sustainability Strategies with Generative AI, AWS

Introduction to Generative AI, Skillup

Introduction to Cloud Computing, Coursera

ARGHYA – Empowering Engineers with Next-Gen AI Tools, Next-Gen AI Tools

Foundations of Data Science from Google, Coursera

PUBLICATIONS

**AUTONOMOUS MICRO-DRONE SYSTEM FOR REAL-TIME POWER LINE INSPECTION, MICRO-
CRACK DETECTION AND ON-SPOT CONDUCTIVE REPAIR**

Indian Patent Office – Application No: 202541117134

Nov '25