

Mohammed Nabeel N H

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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

Sep '23 — Present
Mysuru, India

- currently in 5th Semester

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