

Dhyan Kumar M

📍 Bengaluru, India 📞 +91 83106 37893 ✉️ dhyanmanav@gmail.com
🌐 github.com/dhyanmanav 🔗 linkedin.com/in/dhyan-kumar-m

Objective

Machine Learning developer with real-world internship experience training and deploying production ML models. Published researcher (IJISRT 2025) with hands-on expertise in NLP, computer vision (YOLOv8), TensorFlow, and scikit-learn. Pursuing B.E. CSE at Global Academy of Technology (CGPA 8.85/10). Seeking an ML/AI role to contribute to model development, data pipelines, and intelligent system design.

Education

Global Academy of Technology

B.E. Computer Science & Engineering — CGPA: 8.85 / 10 — USN: 1GA23CS040

Bengaluru, Karnataka

Sep 2023 – Jul 2027

Base PU College

Karnataka State Board, 2nd PUC — 87.5%

Bengaluru, Karnataka

Jul 2021 – Mar 2023

Bunts Sangha RNS Vidyaniketan

ICSE Board, 10th Standard — 89.5%

Bengaluru, Karnataka

Jul 2008 – Mar 2021

Technical Skills

ML Frameworks	TensorFlow, scikit-learn, YOLOv8, Keras
NLP	Natural Language Processing, Speech Recognition, Web Speech API, Text Classification
Data Science	Pandas, NumPy, OpenCV, Kaggle, Streamlit, Matplotlib
Languages	Python, JavaScript, Java, C
AI Platforms	Google Cloud AI, Generative AI (Google Cloud Launchpad), AWS
Deploy/Tools	Netlify, Render, Vercel, Git, GitHub, Jupyter Notebook

Work Experience

Avinya Build AI

Machine Learning Intern [Verify]

Cupertino, USA (Remote)

Jul 2025

- Trained and fine-tuned ML models for **object recognition in architectural datasets**, achieving **85% accuracy**.
- Built optimized data preprocessing pipelines including cleaning, augmentation, normalization, and dataset splitting.
- Evaluated model performance using precision, recall, and F1-score against benchmark datasets.
- Maintained strict NDA compliance while working on proprietary datasets.

Projects

AI Voice-Based Revision Assistant | Python, NLP, Speech Recognition, Flask, React

[Paper](#) [Demo](#)

- Designed and implemented an AI-powered voice assistant for academic revision using NLP-based question answering and speech recognition.
- Integrated voice input pipeline (Web Speech API), intent classification, and contextual answer retrieval using Python NLP libraries.
- Research published in IJISRT (International Journal of Innovative Science and Research Technology), 2025. Awarded Author Certificate. [Certificate]

Custom Shell with Voice Command ML Model | Python, ML Model, Web Speech API, Netlify, Render

[View](#)

- Built a voice-to-command ML pipeline enabling multi-language voice input to be mapped and executed as Linux shell commands.
- Trained a classification model to identify command intents from spoken natural language inputs, achieving **80% accuracy**.
- Deployed end-to-end with Python ML backend on Render and browser-based frontend on Netlify.

Certifications

- Google Cloud Career Launchpad — Generative AI Leader Track — Google Cloud, 2025 [Verify]
- GenAI Powered Data Analytics Job Simulation — TCS Forage, 2025 [Verify]
- Author Certificate — AI Voice-Based Assistant Research Paper — IJISRT, 2025 [Verify]
- Java — Mastering the Fundamentals — Scaler, 2025 [Verify]

Achievements

- Published Research Paper in IJISRT 2025 — AI Voice-Based Assistants. Author Certificate awarded. [Read Paper]
- Google Cloud Generative AI Leader — completed competitive program on cloud-based generative AI architecture and deployment, 2025.
- CGPA 8.85/10 — Global Academy of Technology, Bengaluru (2023–2027).