

# Dhyan Kumar M

## Logistic Coder and ML Enthusiast

dhyankumar32@gmail.com | +91-8310637893 | github.com/dhyanmanav | linkedin.com/in/dhyan-kumar-m-8238892a8

## Summary

Logics-oriented Computer Science enthusiast experienced in systems programming, Python, and interactive app design. Skilled in C, Java, Python, and modern ML frameworks, with a passion for efficient, user-focused web and software solutions.

## Education

<b>Global Academy of Technology</b> , Bangalore B.E. in Computer Science and Engineering — GPA: 8.91/10	Sep 2023 – Jul 2027
<b>Base PU College</b> , Bangalore Karnataka State Board — 2nd PUC, 87.5%	Jul 2021 – Mar 2023
<b>Bunts Sangha RNS Vidyaniketan</b> , Bangalore ICSE Board — 10th Standard, 89.5%	Jul 2008 – Mar 2021

## Technical Skills

**Languages:** C, Java, Python, JavaScript

**Full Stack:** HTML5, CSS3, Bootstrap, MERN Stack.

**Tools & Frameworks:** Git, Linux, VS Code, Roboflow, Hugging Face, YOLOv8, Grounding Dino, Florence 2, Google Colab, Jupyter Notebook, Flask, Flutter, Vercel, Netlify.

## Projects

**Custom Shell Development** — Advanced Linux shell terminal with integrated voice commands.

- Built a custom Linux shell with command aliases and interactive prompts for efficient workflows and tested for 80% accuracy.
- Added hands-free voice command execution using speech recognition and Web Speech API.
- Integrated a machine learning model that maps voice inputs in any language to shell commands, enhancing user accessibility (deployed on Netlify and Render).

**AI Personal Voice Assistant** — (No API)

- Created a personal training model for whatever particular information we need and prompt it.
- Designed and developed a fully interactive, mobile-first interface enabling seamless hands-free navigation and added voice recognition through web speech API (Deployed using Vercel).

## Work Experience

**Machine Learning Intern** — Avinya Build AI, Cupertino Jul 2025

- Trained and optimized ML models for object recognition in architectural floor plan datasets, achieving 85% accuracy.
- Collaborated on dataset preprocessing, performance evaluation, and results validation while adhering to NDA protocols.

## Certifications

Google Cloud Career Launchpad - Generative AI Leader track (2025)

GenAI Powered Data Analytics Job Simulation - TCS Forage (2025)

JAVA-Mastering the fundamentals — Scaler (2025)

Operating Systems Basic — CISCO Network Academy (2024)

Author Certificate — IJISRT (2025)

## Achievements

- Published a research paper on AI Voice-Based Assistant in IJISRT, 2025.