

Dhyan Kumar M

Logistic Coder and ML Enthusiast

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Career Objective

Logical Computer Science enthusiast interested in system programming, Python, and Full Stack with a passion for efficient user-focused web and software solutions.

Education

Global Academy of Technology , Bangalore B.E. in Computer Science and Engineering — GPA: 8.91/10	Sep 2023 – Jul 2027
Base PU College , Bangalore Karnataka State Board — 2nd PUC, 87.5%	Jul 2021 – Mar 2023
Bunts Sangha RNS Vidyaniketan , 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, Kali-Linux, Kaggle, YOLOv8, TensorFlow, Streamlit.

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).

Student Certificate Management APK — An app for my College

- Designed and developed an APK for fast, secure issue and management of official documents (bonafide, internships, transcripts) for university students and administrators.
- Implemented role-based dashboards (student/admin), digital signature integration, QR code certificate verification, and drag-and-drop scanned uploads for physical certificates.
- Integrated OTP-based authentication, and audit trails. Multi-device data sync enabled using PostgreSQL backend and AWS (deployed on Netlify and Supabase).

Work Experience

Machine Learning Intern — Avinya Build AI, Cupertino Jul 2025

- Trained ML models for object recognition in architectural 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.