

DHANALAKSHMI D

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PROFILE SUMMARY

AI/ML enthusiast skilled in Python, ML, Computer Vision, Android (Kotlin), and Power BI. Built ASL Recognition, AirBoard, EchoLink (Offline Bluetooth Chat). Completed Python & ML internships.

SKILLS

Programming: Python, C, C++

AI/ML: Machine Learning, OpenCV, Mediapipe

Development: Android (Kotlin), Flask, Node.js

Tools: Git/GitHub, Power BI, VS Code, Gen AI

CERTIFICATIONS

- Computer Vision with Python & OpenCV
- Power BI Appreciation – VertechX
- Python Internship (3 Months)
- ML Quiz – Vertex Event (MVJCE)
- AI Fusion Workshop
- 3D Printing Workshop

LANGUAGES

Kannada, English, Hindi

PROJECTS

EchoLink – Offline Bluetooth Mesh Chat

BLE chat with mesh routing, encrypted packets, splash UI, Kotlin-based debugging fixes.

ASL to Text Converter

Real-time ASL detection using OpenCV + Mediapipe + CNN (92% accuracy).

AirBoard – Virtual Touchscreen

Finger tracking, drawing, virtual keyboard, gesture switching, PNG/PDF export.

EXPERIENCE

Python Developer Intern – Codec

Technologies (Feb–May 2025)

Automation scripts, platform logic, Python development.

ML Intern – SkillCraft (1 Month)

Model training, preprocessing, evaluation, dataset handling.

EDUCATION

MVJ College of Engineering

B.E. AI & ML (Expected 2027)

PROFILES

LinkedIn: [linkedin.com/in/dhanalakshmi-d-gowda-09215233b](https://www.linkedin.com/in/dhanalakshmi-d-gowda-09215233b)

GitHub: github.com/Dhanalakshmi-D04