Dishanth H.G

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Passionate Computer Science Engineering student with strong foundations in DSA,OS DBMS,ADA and computer network. Experienced in Python, Java, C and full-stack projects, with a passion for building practical and impactful solutions.

# Education

**B.E. Computer Science and Engineering**   
BMSIT&M College of Engineering, Expected Graduation: 2027  
CGPA: 8.7/10

# Technical Skills

Languages: Python, Java, C, C++  
Core Subjects: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, OOPs, Microcontrollers  
Frameworks/Tools: Django, Kivy, OpenCV, TensorFlow, Git, SQL  
Other: Cloud Basics (AWS/GCP), Project Development

# Projects

**AI-Powered Voice Assistant for Visually Impaired**  
Built a Seeing AI–like assistant with OCR, Image Recognition, Barcode Scanning, and Face Detection using ResNet50, Tesseract OCR, DeepFace, and Pyzbar.  
Implemented multilingual TTS & voice control using Vosk, gTTS, and Pygame, fully keyboard-free.

**Alumni Management System (Web App)**  
Developed a Django-based alumni portal with authentication, event management, and database search.  
Designed relational schema & optimized SQL queries for scalability.

# Achievements & Competitive Programming

- Solved 100+ DSA problems on LeetCode, Codeforces, and GeeksforGeeks.  
- Hackathon finalist in inCSEption hackathon 2024(built AI-Powered Voice Assistant for Visually Impaired).  
- Certifications in DBMS, AI/ML, Cloud ,DSA.