

NIDHARSHANA R

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SKILLS

- **Programming languages:** Java, Python
- **Core Skills:** Data Structures and Algorithms, Database management systems, Computer Networks, Operating system
- **Tech Skills:** React, Android app development, Flutter, Angular

EDUCATION

VIT Bhopal University	Expected May 2026
BTech- Computer Science and Engineering with specialisation in Health Informatics	Cumulative GPA: 9.06
12th standard	Jul, 2022
Hosur public school	CBSE percentage: 92.6%
10th standard	Jul, 2020
Hosur public school	CBSE percentage: 96%

PROJECTS

EYEVIS – AI ASSISTANT FOR THE VISUALLY IMPAIRED	Feb 2025– Apr 2025
<ul style="list-style-type: none">• Building a multilingual voice and gesture enabled AI assistant to assist 100+ visually impaired users with daily activities.• Features include object detection, text reading, navigation, and voice-based interaction using computer vision, NLP and python.	
CHATBOT FOR BHOPAL'S BUS RAPID TRANSIT SYSTEM NAVIGATION	Oct 2024 – Nov 2024
<ul style="list-style-type: none">• Developed a multilingual WhatsApp chatbot using RAG under Omdena VIT Bhopal Chapter, improving accessibility for 400+ users.• Enabled real-time bus schedules, route guidance, and live updates to enhance transit experience and inclusivity.	
AID-RAY: OFFLINE FIRST AID CHATBOT APP	Jul 2024 – Aug 2024
<ul style="list-style-type: none">• Developed an offline-first chatbot serving 100+ users with text, image, and video-based first aid guidance using TensorFlow and python.• Integrated multilingual NLP and emergency contact features, boosting accessibility in no-internet zones.	
A DEEP LEARNING MODEL FOR DIABETES DIAGNOSIS	Feb 2024 - May 2024
<ul style="list-style-type: none">• Engineered a Deep Neural Network achieving 90% accuracy for non-invasive diabetes diagnosis using CNN.• Targeted a 60% reduction in healthcare workload by enabling faster, accessible predictions.	

EXPERIENCE

- **Secured 3rd place** in the nationwide Healthcare Management System Hackathon organized by IIT Indore, competing among 600+ registrations.
- **Open-source Contributor at VIT Bhopal Omdena Chapter for Chatbot for Bus system.** Striving to solve real-world problems with projects through hackathons.
- **Active Coding practices:** Solved 100+ coding problems on platforms like GeeksForGeeks and LeetCode.
- **Design team Lead** of Health-O-Tech Club at VIT Bhopal, designing posters, UI/UX elements, and email templates.

CERTIFICATIONS

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|---|---------------------|
| • Summer Analytics 2024, Data Analytics and Machine learning - Consulting & Analytics Club, IIT Guwahati | Jul 2024 - Aug 2024 |
| • Java Data Structures & Algorithms + LeetCode Exercises - Udemy | Apr 2024 – Jun 2024 |
| • HTML, CSS, and JavaScript for Web Developers - Coursera, John Hopkins University | Nov 2023 - Dec 2023 |
| • AI for Women - GUVI, Google | Mar 2023 |