

DHARMENDRA KUMAR

www.linkedin.com/in/dharmendra-kumar85

<https://github.com/Dharam-GitHub>

Phone: +917017882317 | Email: mrdharam56065@gmail.com

ABOUT ME

Computer Science undergraduate at VIT Bhopal with hands-on experience in *web development* and *machine learning applications*. Skilled in building responsive *web platforms and AI-powered solutions*, with projects ranging from a *real-time sign language detection system using YOLOv5* to a smart city pathfinding simulation in Java. Strong foundation in algorithms and software engineering, with the ability to deliver scalable, user-focused applications.

EDUCATION

Vellore Institute Of Technology

B. Tech (School of Computer Science and Engineering)

2022-2026

P D D Saraswati Vidya Mandir(Class 12th)

2020-2021

P D D Saraswati Vidya Mandir(Class 10th)

2018-2019

SKILLS

Programming: Java, C++, [GeekForGeeks](#), [Leetcode](#)

Web Development: HTML, CSS, JavaScript, React

Databases: MySQL, PostgreSQL

Framework: OpenCV, NumPy

Tools & Platforms: Git, GitHub, VS Code, Colab, Jupyter

Related Coursework: Computer Vision, DBMS, Programming in Java, Fundamentals of AI and ML

PROJECTS

1. Sign Language Detection System (YOLOv5) [GitHub](#)

- Developed a *real-time sign language recognition system* to aid communication for hearing-impaired individuals. The system recognizes gestures such as "Hello," "No," and "Bye," providing instant visual feedback through webcam input with high accuracy.
- Tech Used: Python, YOLOv5, OpenCV, NumPy, Pandas

2. Personal Portfolio Website

- Built a *multi-section personal portfolio website* to showcase projects, skills, certifications, and achievements. Includes Home, About Me, Skills, Projects, Certifications, and Contact sections, with smooth scrolling, interactive "See More" buttons, and a fully responsive design.
- Tech Used: HTML, CSS, JavaScript

3. Skill-Share-Hub [GitHub](#)

- Developed a role-based platform for teachers and students to manage sessions, upload materials, and control access. Built intuitive dashboards and a backend API for seamless content management, with plans for notifications and progress tracking.
- Tech Used: React, TypeScript, Node.js, PostgreSQL, TailwindCSS

CERTIFICATIONS

1. IBM Career Education Program (provided by IBMCE)

- Certified in IBM [Fundamentals](#) and [Developer](#)

2. Ethnus(Codemithra)

- Certified Ethnus MERN Stack Developer, ([Certificate Verification - Ethnus](#)), ID: R4CPT52R

3. Coursera (offered by Google)

- Bits and Bytes of Computer Networking, ([Bits and Bytes](#))

EXTRACURRICULAR ACTIVITIES

Webinar Participation – Attend webinars and workshops on *Machine Learning*, *Web Development*, and *Emerging Technologies* to enhance technical knowledge.