

Dharm Singh Dagar

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EDUCATION

- **Indian Institute of Information Technology Vadodara ICD** Nov 2022 – Present
Bachelor of Technology in Computer Science and Engineering *Diu, India*
- **Relevant Courses:** Operating Systems, Data Structures, Algorithms, Networking, DBMS, Cybersecurity

SKILLS

- Programming Languages: **C, C++, JavaScript, SQL**
- Frontend & Frameworks: **HTML, CSS, React.js, Tailwind CSS, Flask, Redux, Zustand**
- Architecture: **OOP, SOLID, Design Patterns, LLD, HLD**
- Tools: **GitHub, GCP, VS Code, Vite, Postman**

WORK EXPERIENCE & LEADERSHIP

- **Coder Edge Technology** May 2025 – June 2025
Software Development Engineer (Part-time) *Remote*
 - Developed an intelligent car-damage-detection system using **YOLOv1n** and **PyTorch**, achieving **94% accuracy** in classifying damage existence (Yes/No) and car presence.
 - Built an end-to-end pipeline using **Computer Vision and Python** for multi-label classification, identifying **damage location** (rear/front/side) and **severity** (minor/major) with **92% precision**.
 - Designed a responsive frontend using **React** and validated APIs with **Postman**, reducing output latency by **40%**.
- **Microsoft Learn Student Ambassador (MLSA)** Present
Core Member — IIITV-ICD *Diu, India*
 - Conducted workshops and hackathons with 200+ participants in collaboration with Microsoft experts.
 - Managed sponsorships and budgets, **cutting event costs by 10%**.
 - Spearheaded student-led initiatives, **increasing engagement by 30%**.

PROJECTS

- **AI Resume Matcher** Feb 2025
AI-Powered Resume Screening & Job Matching Platform *GitHub*
 - Extracted candidate information including **name, email, phone number, and skills** using **spaCy** and **NLTK** in a **Flask-based backend**, achieving **98% extraction accuracy**.
 - Calculated a job-resume **matching score** by comparing extracted resume skills with **job description keywords**, resulting in **91% matching precision**.
 - Provided recruiters with a downloadable **CSV file** of candidates sorted by score, reducing screening time by **65%**.

CERTIFICATIONS AND ACTIVITIES

- Solved **300+ DSA problems** on LeetCode covering graphs, DP, trees, recursion. *[Profile]*
- Won **2nd place at Hack IIITV-ICD 2025** (50+ teams) — built AI resume matcher in under 36 hours.
- Earned **Google Cloud Skill Boost** badges in GCP, IAM, Kubernetes. *[Badge]*
- Completed **NVIDIA Deep Learning Course** (CNNs, RNNs, model training). *[Certificate]*
- Qualified Level 1 of **Flipkart GRiD 6.0** — SDE Track on E-Commerce architecture.
- Finalist, **Tata Imagination Challenge 2024** — Tata Group national event.