



# Laksh Sharda

Engineering student bridging responsive web applications and advanced AI, with strengths in software engineering, predictive modeling, computer vision, and user-centric system design.

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## WORK EXPERIENCE

### THINKING LABS AI | LEAD INTERN SCIENTIST – THINK VISUAL ASSIST PROJECT

Dec 2025 -- Present

- Leading end-to-end development of an AI-driven visual assistance pipeline, covering scene understanding, object detection, and real-time inference for assistive technologies.

### U2CA CONSULTANTS | FULL STACK DEVELOPER INTERN

Jun 2025 -- Aug 2025

- Built scalable full-stack web application: "The Thursday Thing" using React, Node.js, and Firebase within agile teams, delivering secure, responsive, and production-ready systems.

## PROJECT EXPERIENCE

### VISION-BASED ASSISTIVE AI | PYTHON, COMPUTER VISION, DEEP LEARNING

2025

- Built a deep learning-based computer vision system for image and video scene understanding.
- Designed assistive AI features translating visual data into actionable guidance for accessibility use cases.
- Implemented end-to-end ML pipelines including preprocessing, model inference, and real-time API integration.

### CULTURECIRCLE | TYPESCRIPT, REACT, NODE.JS, FIREBASE, GEMINI API, QLOO API

2025

- Integrated Qloo Taste AI API (5.5M+ entities) to compute accurate group compatibility scores.
- Designed a Harmony Score algorithm using Gemini API with sub-200ms explainable recommendations and real-time Firebase Firestore synchronization.

### MANTHAN | JAVA, MACHINE LEARNING, FIREBASE, MOBILE APP DEVELOPMENT

2025

- Built a mobile mental wellness application integrating an ML model trained on questionnaire-based datasets to generate 3 personalized wellness scores.
- Achieved 80%+ accuracy in wellness classification and implemented secure authentication, user profiling, and real-time cloud storage using Firebase.

### BURNT FACE RECONSTRUCTION | PYTHON, DEEP LEARNING, GANS

2025

- Developed a GAN-based deep learning model for facial image reconstruction and restoration.

## CERTIFICATIONS

- Global Virtual Classroom Winner – International Competition
- Software Engineering Job Simulation – JPMorgan Chase (Forage)
- Introduction to Front-End Development – Meta via Coursera
- Foundations: Data, Data, Everywhere – Google via Coursera

## SKILLS

### DEVELOPMENT

JavaScript • React.js • Redux • HTML • CSS • TailwindCSS • Node.js • Express • MongoDB • Firebase

### DATA & ML

Python • SQL • Machine Learning • Computer Vision GANs • Data Analysis

### SYSTEMS & CORE

C++ • Java • DSA • IoT Systems

### TOOLS

Git • GitHub • Firebase • Figma • Canva

## EDUCATION

### BML MUNJAL UNIVERSITY

B.TECH IN COMPUTER SCIENCE

Aug 2023 -- Present | Gurugram, Haryana

Cumulative GPA: 8.33 / 10.0

### DL DAV MODEL SCHOOL

SENIOR SECONDARY EDUCATION

2009 -- 2023 | Delhi

## ACHIEVEMENTS

- Top 10 – Ideathon
- Top 20 – Smart India Hackathon (SIH)
- Winner – Global Virtual Classroom Web Design Competition

## INTEREST/HOBBIES

- Building AI-integrated web applications
- Exploring Generative AI, LLMs, and Computer Vision
- Algorithmic problem solving (DSA) and system design