# DHAWAL LAMBA

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## PROFESSIONAL SUMMARY

AI/ML enthusiast and community builder with proven leadership experience as Google Student Ambassador. Passionate about leveraging artificial intelligence and machine learning to solve real-world problems. Strong focus on computer vision, human-computer interaction, and building impactful technical solutions. Seeking software engineering internship opportunities to contribute innovative solutions at scale.

## EDUCATION

**Parul University, Vadodara**                                                  Vadodara, Gujarat, India
*Bachelor of Technology in Computer Science and Engineering (AI/ML Specialization)*    July 2025 – July 2029
**Expected Graduation:** July 2029 | **Current Year:** First Year

## EXPERIENCE

**Google Student Ambassador**                                                            August 2025 – Present
*Google, Vadodara Campus*                                                        Vadodara, Gujarat, India

- Represent Google on campus by organizing and leading technical workshops promoting Google products, cloud technologies, and development tools to 200+ students
- Drive student engagement initiatives and foster collaborative learning environment, resulting in increased adoption of Google Developer tools and platforms
- Manage program deliverables with 100% compliance, coordinating with cross-functional teams and ensuring timely execution of campus events and technical sessions
- Build and nurture AI/ML community from ground up, connecting students with industry professionals and creating pathways for skill development
- Facilitate hands-on coding sessions and technical talks on emerging technologies including machine learning, cloud computing, and software development best practices

## TECHNICAL SKILLS

**Core Competencies:** Artificial Intelligence, Machine Learning, Computer Vision, Human-Computer Interaction (HCI), Deep Learning
**Programming Languages:** Python, C++, Java, JavaScript, SQL
**AI/ML Frameworks:** TensorFlow, PyTorch, Scikit-learn, Keras, OpenCV, NumPy, Pandas
**Web & Cloud:** HTML, CSS, React, Node.js, Google Cloud Platform (GCP), Firebase
**Tools & Technologies:** Git, Docker, Jupyter, VS Code, Linux, API Development
**Databases:** MySQL, MongoDB, PostgreSQL

## PROJECTS

**AI-Powered Image Recognition System**                                                    Personal Project

- Developed computer vision model using TensorFlow and OpenCV achieving 92% accuracy in object detection and classification tasks
- Implemented convolutional neural networks (CNNs) for real-time image processing and feature extraction
- Deployed model using Flask API with Docker containerization for scalable cloud deployment

**ML-Based Predictive Analytics Dashboard**                                                 Academic Project

- Built end-to-end machine learning pipeline using Python, Scikit-learn, and data visualization libraries (Matplotlib, Seaborn)
- Engineered features and trained multiple regression models with hyperparameter tuning, improving prediction accuracy by 25%
- Created interactive web dashboard using React and Flask for real-time data insights and model performance monitoring

**HCI-Focused Gesture Recognition Application**                                              Research Project

- Designed human-computer interaction system leveraging MediaPipe and deep learning for hand gesture recognition

- Achieved 88% accuracy in gesture classification using custom CNN architecture trained on diverse dataset
- Implemented intuitive UI/UX enabling touchless control interface for accessibility applications

## LEADERSHIP & ACTIVITIES

**AI/ML Community Builder** – Initiated and grew technical community focused on artificial intelligence and machine learning, organizing peer learning sessions and hackathons

**Technical Workshop Facilitator** – Conducted multiple workshops on Python programming, ML fundamentals, and Google Cloud technologies for university students

**Collaborative Learner** – Actively engage with developer communities, contribute to open-source projects, and stay current with emerging AI/ML trends and research

## CERTIFICATIONS & COURSES

Google Cloud Platform Fundamentals | Machine Learning Specialization | Deep Learning with TensorFlow | Data Structures and Algorithms