

EDUCATION

Degree/Certificate	Institute/School	GPA/Percentage	Year
B.Tech. CSE	Institute of Engineering and Technology, Mohanlal Sukhadiya University	8.21/10	2023-2027
HSC (CBSE)	St. Teresa's Sr. Sec. School	78.8%	2023
SSLC (CBSE)	St. Teresa's Sr. Sec. School	87.2%	2021

TECHNICAL EXPERIENCES

- Proceedit, Barcelona, Spain** May 2025- Present  
*AI Developer Intern*
  - Developing predictive bots utilizing a variety of machine learning architectures, enhancing automation and decision-making processes.
  - Integrating AI models with backend systems using GraphQL APIs and custom endpoints, ensuring seamless and scalable application performance.
- CollegeTips.in, Mumbai, India** Apr 2025- Present  
*Summer Intern /Artificial Intelligence Unit*
  - Contributing to AI-related tasks within the unit, supporting innovative solutions and gaining practical experience in applying AI concepts in diverse projects.
  - Working in a dynamic internship program combining hands-on projects such as website development, activation events, and performance campaigns with engaging team activities.
- Marvik Academy for Technical Education, Udaipur, India** Nov 2024- Dec 2024  
*Flutter Developer Intern /Outcome Project: Notes Application Using Flutter- Dart, Android Studio*
  - The goal is to create a fast-cross-platform Notes App that offers an intuitive interface for capturing and organizing notes in software (as a part of the curriculum).
  - Implemented customization features and ensured data persistence, the app meets the needs of students and professionals, enhancing productivity and information management.

PROJECTS

- Cognitive Stress Analysis** 2025  
*Self Project /Tools used: Core Libraries-librosa, nltk, scikit-learn, pandas, Algorithms- Isolation Forest*
  - This project provides a framework for analyzing speech patterns to detect potential cognitive stress.
  - The system evaluates audio input to generate quantitative metrics and comparative assessments of cognitive load.
- Intelligent Brawl Monitor – CCTV integration software** 2024  
*Self Project /Tools used: TensorFlow, Python, Pandas, OpenCV, NumPy, Email Automation*
  - The project detects aggression from any human being and gives an alert as an SOS to the email IDs provided.
  - It highlights the functionalities for applications in security, workplace safety, and smart home system.
- MediHelper – AI based Website** 2024  
*Self Project/Tools used: TensorFlow, Python, Pandas, NumPy, Django, HTML, Javascript, SQLite, ML Algorithms*
  - By leveraging AI technologies, MediHelper is poised to become a valuable resource for individuals seeking assistance with skin-related health issues and managing healthcare costs.
  - It aims to provide accurate predictions and valuable insights, ultimately enhancing user experience and promoting better health management. Managed data storage and retrieval processes, ensuring a quick access to data.
- Regression Health Costs Calculator – ML Model** 2024  
*Self Project/Tools used: TensorFlow, Python, ML Algorithms*
  - The project employs regression algorithms to predict healthcare costs based on demographic and health-related features. (Future scope: people can get the estimations and care for their insurance.)
  - Training model on 80% of the data, aiming for a Mean Absolute Error (MAE) under \$3500 to assess accuracy.

## - Cat and Dog Image Classifier – ML Model

*Self Project /Tools used: TensorFlow (Models, layers, Image preprocessing), Python*

- The project utilizes Convolutional Neural Networks (CNNs) with TensorFlow and Keras to classify images of either cats or dogs, achieving a target accuracy of at least 63%.
- It enhances the dataset with techniques like flipping and zooming to improve model robustness.

## TECHNICAL & MISCELLANEOUS SKILLS

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- **Programming/Scripting:** C/C++ , Java Basics, Python, PostgreSQL, GraphQL, SQL & DBMS, Linux, Go
- **Software/Application & Tools:** VSCode, turbo C & gcc Compiler, Django, OnlineGDB, IntelliJ, PyCharm, Git, MS Office Tools (Word, Presentation, Excel), OpenCV, OpenPose, Annaconda, TensorFlow, Keras, Scikit-Learn, Pandas
- **Core Concept:** Vision Computing, Machine Learning, Basics of NLP and Deep Learning, CNN, Computer Architecture, OOP, DSA, REST API
- **Languages Known:** Fluent in English; Native in Hindi; Beginner Proficiency in Korean

## CERTIFICATIONS & TRAININGS

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- **INFOSYS**→ Computer Vision 101, 2025, NLP in Fundamentals and Practices, 2025
- **UDACITY**→ Foundation of Gen AI, 2025
- **DATAFLAIR**→ Introduction to C Programming, 2024, Introduction to OpenCV, 2025
- **KAGGLE**→ Intermediate Machine Learning, 2024, Machine Learning Explainability, 2024
- **EDX**→ Introduction to Microprocessors, Machine Learning with Python, 2024
- **GUVI**→ SAWiT.AI Learnathon Program-fundamentals of GenAI by HCLTech Women Techmakers, 2024
- **CAMPUSX**→ E-KYC using Computer Vision, 2024
- **OPENCV**→ OpenCV Bootcamp, 2024
- **UDEMY**→ Advanced Database and SQL Querying, 2024, Linux Tutorial with Caddy and Timex, VSD-Circuit Design & SPICE Simulations-Part 1, 2024
- **ORACLE**→ Oracle Database Foundations Certified Junior Associate, 2023
- **STANFORD UNIVERSITY**→ Introduction to Internet of Things, 2023

## EXTRA-CURRICULAR ACTIVITIES

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- Actively participating in contests, webinars, and hackathons like Google AI for Impact and Kaggle, 2024.
  - Actively working on 1+ research papers and patents for human pose estimation and interdisciplinary domains, 2024
  - Volunteering at Aarohan Youth Fest Udaipur with 500+ participants as an event organizer, 2024.
  - Received scholarship for Bertelsmann Udacity on advanced Generative AI courses and certifications, 2024.
  - Accomplished in Gen AI intensive challenge courses by Kaggle with Google, 2024.
  - Serving as an NSS candidate for women empowerment and purpose in civic mindsets, 2024.
  - Secured among the top 1000 students who completed the certification race by Oracle University, 2023.
  - Participated in contests like Google Hackathon for coding and SIET space quizzes, 2021.
  - Experienced as a swimming coach and trained 100+ swimmers, 2021.
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