Nisha Goswami

Surat, Gujarat | +91-7435067008 | nnishagoswamii@gmail.com
nishagoswami.com | LinkedIn | GitHub | LeetCode | Codeforces

Work Experience

Videosdk.live [link] Surat, Gujarat
GTM Automation Engineer *Jun 2026 – Present*

- Architecting and deploying automated GTM workflows using Python and n8n, reducing manual lead qualification.

Reliance Jio Infocomm Ltd [link] Mumbai, Maharashtra
Machine Learning Intern *Jul 2025 – Oct 2025*

- Designed and implemented a Python voice verification API microservice for the Samarth job portal using FastAPI and Resemblyzer to enroll and verify user identities.
- Engineered a multimedia processing pipeline utilizing Pydub, Librosa, and FFmpeg to extract audio from video files and calculate cosine similarity for secure authentication (accuracy upto 85%).
- Built an image analysis pipeline using PyTorch, OpenCV, and the Detectron2 framework to perform object detection and instance segmentation.
- Applied data augmentation techniques during training to improve model generalization and detection accuracy increased to 75% across varying lighting conditions and complex backgrounds.

Education

Bhagwan Mahavir College of Engineering and Technology Surat, Gujarat
Bachelor of Technology in Computer Science and Engineering *2022 – 2026*

- **SGPA:** 8.52/10.00 **CGPA:** 8.19/10.00

Technical Projects

HireFlowly – AI-Powered Resume Analyzer [Try] [GitHub]
React, Vite, Typescript, Supabase, LLM, Vitest

- Built a full-stack tool that automatically parses resumes and uses Gemini 3 Flash to score them against job descriptions, using Supabase Edge Functions to ensure fast, secure, and accurate feedback for users.

Personal Portfolio Website nishagoswami.com
Astro, HTML5, CSS3, JavaScript, Tailwind CSS, Git

- Designed and deployed a responsive personal portfolio website using Astro to showcase technical projects, skills, and professional experience.

Drowsiness Detection Model [GitHub]
Python, PyTorch, YOLOv5, OpenCV, NumPy, Matplotlib, LabelImg

- Led a team to develop a YOLOv5-based driver drowsiness detection system using Python and PyTorch, achieving high-precision real-time eye state classification and robust dataset management.

Skills

Programming & Languages: Python, C++, HTML, CSS, JavaScript, Typescript, SQL, R.
Frameworks & Libraries: Django, FastAPI, Flutter, React, PyTorch, Pandas, NumPy, Matplotlib, Scikit-Learn, LangGraph.
Tools & Technologies: Git, GitHub Actions, VS Code, Jupyter Notebook, Linux (Ubuntu), Windows, Supabase.
Core Domains: Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, IoT, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Natural Language Processing (NLP).
Languages: English, Hindi, French (Elementary).

Certifications

- **SAP Code Unnati Program (Edunet Foundation):** [Link]
  Acquired skills in AI, Machine Learning, Deep Learning, Computer Vision, IoT, and SAP ABAP.