Vishwas Chaudhary

+91 90814 52843
Ahmedabad, Gujarat
paradise-007
vishwas-chaudhary
vishwaschaudhary2672003@gmail.com
Portfolio- Vishwas

CAREER SYNOPSIS

B.Tech graduate in Computer Engineering (AI) from Ganpat University with expertise in Machine Learning, Deep Neural Networks, NLP, Computer Vision, and Big Data Analytics. Demonstrated research excellence with 82% accuracy in breast cancer detection and 85-90% in customer churn prediction. Committed to ethical AI development with strong technical skills, leadership experience through IEEE, and community service focused on rural education and healthcare accessibility.

EDUCATION

Bachelor of Technology, Computer Engineering-AI 2021 - 2025
Ganpat University, Mehsana **CGPA: 8.38**

Higher Secondary Education, CBSE 2020 - 2021
Saint Ann's School, Ahmedabad **72%**

Secondary School Education, ICSE 2018 - 2019
S.G.V.P International School, Ahmedabad **82%**

TECHNICAL SKILLS

Programming
- Python, Java
- JavaScript, SQL
- HTML, CSS

AI/ML
- Deep Learning
- NLP, Computer Vision
- Transfer Learning

Frameworks
- TensorFlow, PyTorch
- Keras, Hugging Face
- Flask, Streamlit

Tools & Data
- Hadoop, Spark, Kafka
- MongoDB, XGBoost
- MLOps, Git

KEY PROJECTS

Breast Cancer Detection using Deep Neural Networks

- Achieved **82% accuracy** combining LeNet and AlexNet with transfer learning (VGG16, ResNet50V2)
- Technologies: TensorFlow, Keras, CNNs, data augmentation

Matru-Shishu Suraksha - Maternal Healthcare Platform

- Web platform with AI chatbot (MamaBot) and Google Maps facility locator for rural healthcare access
- Technologies: Flask, JavaScript, Tailwind CSS, NLP, Geolocation API

Customer Churn Prediction Model

- **85-90% accuracy** predicting customer retention using XGBoost and Random Forest
- Business intelligence solution for revenue loss prevention

Healthcare ChatBot (MyHealthAlly)

- LLM-powered diagnostic chatbot with symptom analysis and appointment booking
- Technologies: Python, LLMs, NLP, MongoDB, real-time processing

French-English NLP Translation System

- Neural machine translation using Transformers (MarianMT) with attention mechanisms
- Technologies: Hugging Face, PyTorch, TensorFlow

Face Emotion Recognition & AI Nutrition Assistant

- Real-time emotion detection using CNNs and OpenCV; BMR-based meal recommendations

CERTIFICATIONS

NPTEL: Java Programming
NPTEL: Python for Machine Learning
PMKVY: AI-ML Jr. Telecom Data Analyst
TCS iON: Communication Skills

LANGUAGES

English – Fluent
Hindi – Native
Gujarati – Native

LEADERSHIP & COMMUNITY IMPACT

IEEE Student Branch

- Led "Tucker" technical debate competition; organized AI/ML workshops
- Spearheaded "Box of Happiness" initiative distributing essentials to underprivileged communities

GVM (Ganpat Volunteer Movement)

- Weekly village visits teaching underprivileged students, bridging educational gaps in rural areas

Technical Leadership

- Led Smart India Hackathon "Aausadh" (AI-based Medicinal Plant Awareness)
- Co-developed "Medisoft" (Misarticulation Therapy tool); built DBMS app with Node.js

Hackathons & Sports

- Spark Summer Hackathon (Diet Planner); Smart India Hackathon (Healthcare AI)
- Winner: Inter-College Struggle Competition; Regular: Swimming, Badminton

ADDITIONAL EXPERTISE

Big Data: Hadoop-based data processing, Apache Spark & Kafka pipeline optimization

Generative AI: LLM training and fine-tuning for domain-specific applications, MLOps deployment

Research: Strong foundation in linear algebra, probability, optimization, advanced calculus

CONCLUSION

Combining strong technical foundation (CGPA: 8.38), proven research capabilities (82% cancer detection, 85-90% churn prediction), and dedication to ethical AI through community service, I am prepared to contribute meaningfully to graduate research. My expertise spans healthcare AI, NLP, computer vision, and big data, with a commitment to developing technology that serves all communities equitably.

I look forward to contributing my skills and passion to your esteemed institution.