

Suzal Kachhadiya

Email: suzalkachhadiya111@gmail.com • Github: [Suzal-Kachhadiya](#) • LinkedIn: [Suzal-Kachhadiya](#)

EDUCATION

Computer Engineering | Government Engineering College, Bhavnagar
(June '21 - Mar '24) (7th Semester). (Passing Year - 2025)

CGPA : 7.91

PROJECTS

AIDRP - AI Driven Diabetes Readmission Prevention

- AIDRP is an AI-driven platform that can accurately predict and reduce 30-day hospital readmission rates for diabetes mellitus (DM) patients. The platform is boosted by Gemini API, an AI assistant that answers users' questions regarding healthcare. By enhancing prediction and prevention of avoidable readmissions, AIDRP can assist hospitals in improving quality of care, reducing costs, and optimizing performance measures.
- Tools: Gemini API, Streamlit, Catboost, Google Cloud Run
- Contributions: Building an accurate model
- [git-hub](#)

Pneumonia Detection

- Machine learning model that analyzes chest X-rays and detect pneumonia with high accuracy.
- Tools : tensorflow, streamlit, keras
- [git-hub](#)

Virtual Quiz

- No need for a physical papersheet or even keyboard .
- Tool : opencv-python, mediapipe, cvzone
- [git-hub](#)

Virtual Calculator

- No need for a physical calculator or even keyboard.
- Tools : opencv-python, mediapipe, cvzone
- [git-hub](#)

Portfolio Website – For more project [Click-To-View](#)

Management and Leadership Skill

Data Team Core Member

(Sep-23 to Sep-24)

Google Developer Student Clubs (GDSC) - Government Engineering College, Bhavnagar.

- Served as a core member of the GDSC data team, contributing to various data projects that enhanced our group's information usage.

Technical Skills

- **Programming Languages:** Python
- **Mathematics:** Probability, Statistics
- **Data Analysis and Visualization:** PowerBI, Pandas, NumPy, Matplotlib, Seaborn, Plotly
- **Machine Learning Libraries:** Scikit-learn, CatBoost
- **Deep Learning Frameworks:** PyTorch, TensorFlow
- **Architectures:** ANN, CNN, RNN, LSTM, Transformer
- **Generative AI:** Langchain, RAG, Vector Database
- **Computer Vision:** Image Processing, Object Detection, OpenCV
- **Database Management:** SQL, MongoDB
- **Other Tools:** Jupyter Notebook, Git, Kaggle

Certifications and Achievements

Award: 2024 GDSC Solution Challenge global top 100 finalist.

Data Science Masters Programme by PWSkills

- [Click-To-View](#)