Suzal Kachhadiya

Email: suzalkachhadiya111@gmail.com • Github: Suzal-Kachhadiya • LinkedIn: Suzal-Kachhadiya

EDUCATION

Computer Engineering | Government Engineering College, Bhavnagar **_CGPA_ : 7.91**
(June '21 - Mar '24) (7th Semester). (Passing Year - 2025)

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. Theplatform 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 improvingqualityofcare, reducingcosts, and optimizingperformance measures.
- Tools: Gemini API, Streamlit, Catboost, Google Cloud Run
- Contributions: Building an accurate model
- git-hub

Virtual Calculator

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

Next Word Predictor

- Machine learningmodel which predicts thenext word in tosentences bythedata provided of anyparagraph.
- Tool : Tensorflow, keras, Long Short Term Memory (LSTM), streamlit
- git-hub

CreationScope

- A multi-agent AI system designed to streamline industry research and AI solution development. It features three agents: a Research Agent to gather company insights, a Use Case Generator Agent to propose AI opportunities (GenAI, LLMs, ML), and a Resource Collector Agent to source datasets and models. Outputs detailed reports bridging AI potential with practical resources.
- Tools : langchain, crew ai, streamlit
- 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
- **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