

# Suzal Kachhadiya

Email: [suzalkachhadiya111@gmail.com](mailto: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**

## PROJECT

---

### 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](#)

### Next Word Predictor

- Machine learning model which predicts the next word in to sentences by the data provided of any paragraph.
- Tool : Tensorflow, keras, Long Short Term Memory (LSTM), streamlit
- [git-hub](#)

### Text Analysis

- The project implements a web-scraping to extract data and text-analysis file containing different metrics.
- Tool : BeautifulSoup, nltk
- [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 : Crew AI, Streamlit, langchain
- [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
- **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
- **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](#)