

Suzal kachhadiya

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Surat, Gujarat- 394101, India

EDUCATION

Government Engineering College - Bhavnagar

Bachelor of Engineering (BE) | Computer Engineering

CGPA: 8.01

Sept. 2021 - July 2025

Gujarat, India


TECHNICAL SKILLS

- **Programming Languages:** Python
- **Mathematics:** Probability, Statistics
- **Data Analysis and Visualization:** Power Bi, Pandas, NumPy, Matplotlib, Seaborn, Plotly
- **Machine Learning Libraries:** Scikit-learn, LightGBM, CatBoost, XGBoost
- **Deep Learning & NLP :** PyTorch, Keras, , ANN, CNN, RNN, LSTM, GRU, Transformer, BERT
- **Generative AI:** RAG, LangChain, CrewAI, AI Agents, HuggingFace
- **API:** FastAPI, Flask
- **Database Management:** SQL, MongoDB, Vector DB
- **Version Control:** Git, GitHub
- **Other Tools:** Jupyter NoteBook, Google Collabe, Kaggle

PROJECTS

AIDRP - AI Driven Diabetes Readmission Prevention

Tools: [Gemini API, Streamlit, Catboost, Google Cloud Run]

GitHub

- 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.

Next Word Predictor


Tools: [Tensorflow, keras, Long Short Term Memory (LSTM), streamlit]

GitHub

- Machine learning model which predicts the next word in to sentences by the data provided of any paragraph.

Chat With Search


Tools: [Langchain, streamlit]

GitHub

- The project implements a multi-agent system using LangChain's framework, where each agent can utilize different search tools (PDF documents, Arxiv, Wikipedia, and DuckDuckGo) based on user selection.

NL2SQL

Tools: [Langchain, streamlit]

GitHub

- The app utilizes LangChain agents along with SQLDatabaseChain to provide seamless interaction with databases using plain English.

CreationScope

Tools: [Langchain, Crew ai, streamlit]

GitHub

- 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.

EXPERIENCE

AI / ML Trainee | (WebOccult Technologies)

(Jan-'25 to July-'25)

ACHIEVEMENTS

- 2024 GDSC Solution Challenge global top 100 finalist.

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