

AMIT BISWAS

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PERSONAL PROJECTS

InfoDigest: An AI-Powered RAG-Based Knowledge Retrieval System (Streamlit, LangChain, Pinecone(Vector Database), Docker, Kubernetes, GitHub Actions, Langsmith)

Car Selling Agent: An AI-Powered Car Selling Assistant capable of interacting with the database and answering the user query (Streamlit, LangChain, SQLite, SQLAlchemy, OpenAI)

LLM Based Multi-Agent ChatBot Using GPT-4-turbo And Deployed on Google Kubernetes Engine (Streamlit, LangChain, Docker, Kubernetes, GitHub Actions, Langsmith)

Self Driving Car Implimentation From NVIDIA Research Paper (Front View, Steering Angle, CNN, Transfer Learning, VGG16.)

Human Activity Recognition Using Smartphones (UCI HAR dataset, LSTM, GRU, SVM, Logistic Regression, Decision Tree, Random Forest, t-SNE, Time Series Data)

Real Estate Price Prediction: AI-Powered Price Prediction System (Linear-Regression, DecisionTreeRegressor, flask)

Diabetes Prediction using different machine learning and deep learning technique (SVM, Logistic Regression, Random Forest, GBDT, MLP)

TECHNOLOGY

Html/CSS/Javascript	●●●●●●
Php/Laravel/PostgreSQL	●●●●●●
Python/Flask/MySQL	●●●●●●
Git/GitHub/GitHub Action	●●●●●●
MLOps/LLMOps/Docker	●●●●●●
Google Cloud/Kubernetes	●●●●●●
LangChain/Streamlit	●●●●●●
Jupyter Notebook/Pandas	●●●●●●
Google Colab/Matplotlib	●●●●●●
Numpy/SQL/scikit-learn	●●●●●●
TensorFlow/Keras	●●●●●●

WORK HISTORY

📅 02-September-2022 - 09-January-2024 📍 Appfoster Innovations Pvt Ltd, Greater Noida West, Uttar Pradesh	Associate Software Engineer
📅 11-May-2022 - 29-July-2022 📍 ContinuServe, Bangalore	Trainee Engineer

CERTIFICATION

- LLMOps Masterclass 2024 - Generative AI - MLOps - AIOps
- LangChain- Develop LLM powered applications with LangChain
- Hackerrank Python Certification

EDUCATION

- M.Tech in Artificial Intelligence
University of Hyderabad
2021
- B.Tech in Computer Science And Engineering
Gargi Memorial Institute Of Technology
2017

SKILLS

Data Structure Algorithm	●●●●●●
Machine Learning	●●●●●●
Deep Learning(MLP/CNN/RNN/LSTM/GRU)	●●●●●●
Exploratory Data Analysis	●●●●●●
Probability and Statistics	●●●●●●
Natural Language Processing	●●●●●●
Generative AI (Transformer, LLM)	●●●●●●
Data Mining (Clustering Technique)	●●●●●●
Computer Vision	●●●●●●
Analytical Skill	●●●●●●
Problem Solving Skill	●●●●●●
Communication skill	●●●●●●
Team Management	●●●●●●

LANGUAGE

English	●●●●●●
Hindi	●●●●●●
Bengali	●●●●●●