






# AMIT BISWAS

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## PERSONAL PROJECTS

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

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

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

**InfoDigest: A Smart Data Retrieval Bot(RAG) [LIVE]** (Streamlit, LangChain, Pinecone(Vector Database), Docker, Kubernetes, GitHub Actions, Langsmith)


**Real Estate Price Prediction Using Linear Regression Technique in Flask python framework**  
(Linear-Regression(Lasso, Ridge), Decision-TreeRegressor, flask, HTML/CSS/JAVASCRIPT)


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


## TECHNOLOGY


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