

MANIL MODI

A Computer Engineering student with a strong foundation and interest in Machine Learning and Data Science, seeking opportunities to apply and grow technical skills through impactful collaborative work.

Experience

Google Developers Group - On Campus AI/ML Team Member

Oct 2024- Present

- Authored technical blogs and articles on Machine Learning and Data Science topics, published on the Medium platform to contribute to the broader tech community.
- Contributed to the organization of DUHACKS 4.0, a national-level hackathon with over 6,000 participants, as part of the GDG On Campus team.

Educational Background

B.Tech in Computer Engineering

Dharmsinh Desai University, Nadiad
Aug 2023 - May 2027

CGPA (3rd Sem): 8.9/10

Projects

Delhi Power Prediction and Analysis

- Built an AI model to predict electricity load in Delhi and suggest compensation methods and historical analysis to address the Duck Curve.
- Used XGBoost (95% accuracy), EDA (Pandas, Plotly and Matplotlib), and K-Means Clustering (electricity Zones) with Folium for geo-mapping.
- Integrated a RAG system via Hugging Face Sentence Transformer and Llama model for area and location based facility Q/A.
- Developed the web interface using Django, HTML, CSS, and JavaScript.

Loan-Repay Classification Model

- A Deep Learning model using ANNs using Python to predict whether a person can repay his/her loan amount or not based on the data of 'Lending club loan data for California'.

University-Voting Portal

- Developed using SpringBoot and MySQL
- Built a time-restricted online voting platform for ICT students with real-time result generation.
- Enabled role-based access: Super Admin (Dean) manages the voting process, while Admins (HODs) monitor progress and participation.

Contact

✉msmodi1701@gmail.com
Contact No. : 91+ 79903 70672
LinkedIn : [Manil Modi](#)

Skills

EDA

Python including

- Numpy and Pandas
- Matplotlib and Seaborn
- Plotly and Cufflinks
- Geographical Plotting

MACHINE LEARNING

- Feature Engineering
- Supervised Learning
- Unsupervised Learning
- Association Rule Learning

(Mathematical understanding and insights)

DEEP LEARNING

- Fundamental algorithms and building blocks of DL
- Artificial Neural Networks
- Convolutional Neural Networks

WEB DEVELOPMENT

- HTML and CSS + Bootstrap
- Django Framework
- Springboot and Hibernate
- PHP

OTHER SKILLS

- C++
- Java
- SQL
- Data Structures and Algorithm

Courses and Certification

- [IBM Data Science Fundamentals](#)
- [Data Science and Machine Learning with Python](#)
- [Machine Learning A-Z: AI Python & R + ChatGPT Prize](#)
- [Complete Python Bootcamp](#)