

# SAMIAHMAD SANADI

## ML/DL ENGINEER AND DATA SCIENTIST

### CONTACT



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### SKILLS

Web Development(HTML,CSS,Flask)

Python developer

Machine Learning, Deep Learning

AI Prompt Engineering

Mongo db

SQLAlchemy

### EDUCATION

**Bachelor of engineering**

**Jain College Of Engineering And Research**

2021-2024

Led team in completing 5+ real-life projects, including a todo list website, E-commerce clone site, clash of cars game using Opengl, Mind-Blitz Quiz App using Android Studio, and desktop apps using Python such as password generator, Developed new skills in project creation and teamwork.

### LANGUAGES

English

Hindi

### PROFILE

Aspiring machine learning engineer with a solid foundation in machine learning algorithms, programming, and data analysis. Eager to apply my academic knowledge and passion for technology to contribute to the development of intelligent systems. Seeking an entry-level position where I can learn and grow while actively participating in projects that utilize machine learning to solve real-world challenges.

### WORK EXPERIENCE

#### Data Science - Intern

Pranaksh Infotech

Oct , 2023 to present

- **Data Analysis Tools:** Acquired proficiency in using tools such as Pandas, numpy, Matplotlib, sklearn, scipy and many more for cleaning and analyzing diverse datasets.
- **Statistical Modeling and Machine Learning:** Implemented and fine-tuned various statistical models and machine learning algorithms to extract meaningful insights and solve real-world problems.
- **Effective Communication:** Developed strong communication skills by creating clear and visually compelling data visualizations and reports, facilitating the translation of complex findings for diverse stakeholders.

### Projects

#### AI Assistant E.D.I.T.H - Prototype

- **Text Generation with Google PALM:**
  - Integrating Google PALM required meticulous fine-tuning due to model compatibility issues, resolved through iterative testing and adjustments.
- **Image Generation via Stable Diffusion:**
  - Efficient implementation of stable diffusion models demanded substantial computational resources, addressed through optimized algorithms and distributed computing.
- **Document-based Chat with Hugging Face Transformers:**
  - Enabling document-based conversations with Hugging Face Transformers necessitated handling diverse document formats, tackled by developing robust preprocessing methods for seamless context retention.

#### EDA Of chatGPT Prompts

- Ensuring diverse and coherent user inputs for ChatGPT prompts posed difficulty; tackled by incorporating data augmentation techniques to enhance prompt variety while maintaining context.
- Addressing potential biases in user prompts presented a challenge during exploratory data analysis (EDA); mitigated by implementing bias detection mechanisms and refining prompt generation strategies.
- Handling ambiguous or incomplete user queries in the dataset was a hurdle during EDA; resolved through the development of context-aware pre-processing methods to improve model comprehension and response accuracy.