

Samarth Kumar Kuchya

Aspiring Data Scientist/Machine Learning Engineer

+91-8989428463 | samarthkuchya@gmail.com | Bhopal, India | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

SUMMARY

Practical experience in building ML/DL models with strong proficiency in Python. Skilled in end-to-end application development, from concept to deployment, including automation tools and packaging solutions into fully functional executable applications.

EXPERIENCE / LEARNINGS

Ai Automations Intern, Codematics Solutions LLP, Remote, India <ul style="list-style-type: none">Implemented Cost Effective Solutions Reducing Cost By 70 %.Performed Data Cleaning Using Pandas (200000+ rows).Built end-to-end AI automations to streamline tasks and reduce workflow inefficiencies.	Jun 2024 - Dec 2024
Data Science Bootcamp, Coding Blocks, Remote, India <ul style="list-style-type: none">Gained Experience To Build And Deploy Machine Learning & Deep Learning Algorithms.Fine Tuned And Custom Tuned ResNet Model on new dataset with 70% accuracy.	Oct 2023 - Apr 2024

EDUCATION

Technocrats Institute of Technology Excellence, Bhopal, India - Bachelor of Technology, <i>Computer Science - Artificial Intelligence and Machine Learning - GPA: 7.43</i>	Jul 2022 - Present
CBSE Board - Senior Secondary - 78.4 %	Apr 2021 - Mar 2022
CBSE Board - Higher Secondary - 81.8 %	Apr 2019 - Mar 2020

ACHIEVEMENTS

Microsoft Certified Azure Fundamentals, Microsoft	Feb 2025
Salesforce Certified AI Associate, Salesforce	Jan 2025
Internship Completion Certificate, Codematics Solutions LLP	Dec 2024
Coding Blocks Certificate, Coding Blocks	Apr 2024
Innovation Day, TIT Bhopal (Secured 1st Rank)	Oct 2023
Logic League, TIT Bhopal (achieved 4th rank)	Apr 2023

PROJECTS

Chat With PDF, Link <ul style="list-style-type: none">Developed a ChatGPT-like UI for seamless PDF uploads and efficient querying.Designed the system to respond to nearly any query within 30 seconds.	Jun 2024
Image Captioning System, Link <ul style="list-style-type: none">Created an end-to-end system for generating detailed captions for images.Leveraged CNN and LSTM models for image feature extraction and caption generation.	Apr 2024
Sentiment Analysis, Link <ul style="list-style-type: none">Architected an LSTM model for sentiment analysis of text data, achieving 79% accuracy.	Apr 2024
Handwritten Digit Recognition, Link <ul style="list-style-type: none">Applied CNN, achieving 98.76% accuracy with comparable recall and precision.	Mar 2024
Face Recognition System, Link <ul style="list-style-type: none">Implemented face detection model to detect human faces using OpenCV and KNN.	Feb 2024
Telegram News Bot, Link <ul style="list-style-type: none">Developed a Telegram news bot to deliver the top 5 latest news updates in real-time.	Jan 2024

SKILLS

Programming Languages	: Python, Java, HTML, SQL
Data Science	: Standard ML Algorithms, Deep-learning, NLTK, NLP, OpenCV, Word2Vec, Markov Models, TensorFlow, Keras, Langchain, VectorDB, GenerativeAI, Interference-API, Hugging Face
Frameworks	: Flask, Streamlit, Django, Scikit-learn, Selenium, BeautifulSoup
Data Analysis Tools	: NumPy, Pandas, Matplotlib, Seaborn, Power BI
Developer Tools	: VS Code, GitHub Desktop, Eclipse, Jupyter Notebook, NetBean
Soft Skills	: Communication, Leadership, Problem Solver, Adaptability, Teamwork