

PRAGNYAN RAMTHA

MACHINE LEARNING DEVELOPER

CONTACT

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PROFILE SUMMARY

I am highly curious Teen with a strong passion for mathematics and computer science. Known for quick learning and problem-solving skills, I aim to pursue a degree in CSE(AI/ML) to further explore programming. My goal is to combine academics with my hands-on experience to contribute to innovations in this field.

SKILLS

- Quick Learner
- Curious mindset
- Knowledge Seeker
- strong analyzing abilities
- Proficiency in Python
- Mathematical intuition

GOALS

2025 - 2027

B.TECH - SECOND YEAR

- Publish a ML Research paper.

2027 - 2030

POST - BTECH

- Pioneer research in AI and mathematical fields in companies such as Google, OpenAI etc.

PROJECTS

RECIPRO

2025 - PRESENT

Social Platform on blockchain (ICP)

- Designed and built a fully decentralized social networking platform using a custom-built JavaScript library with vanilla JS.
- Implemented secure on-chain post sharing and retrieval, enabling full decentralization without third-party dependencies; Top 3 winner out of 500+ teams in a blockchain-based hackathon.
- Learnt the concepts of on-chain decentralization, cryptographic encryption, Hashing & Mining & Canister Deployment.
- Won 3rd prize in a 2000 participants in ieesoc @ BMSIT'S summer of code .

SYNAPSE GRAPH

2024 - 2025

knowledge graph neural network

- Developed a Graph Neural Network to detect sentence boundaries in a knowledge graph built from SVO and co-occurrence relationships; Engineered a traversal algorithm that identifies linguistic structure without relying on word order..
- Achieved 93.31% accuracy in identifying sentence structures without access to the original word order.

LEARNIT

AI professor & personality cloner

2019 - 2023

- Built a conversational AI capable of simulating personalities of historical figures using prompt engineering and NLP techniques.
- Got reviewed as "Most Creative web design" in a 5-day AI Vibe-a-thon.
- AI that replicates & leverages comprehensive datasets to clone personalities.

GITHUB

