

Raj Rathod

AI, Machine Learning & Data Science

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SUMMARY

I'm a Computer Science undergrad who genuinely enjoys the craft of building intelligent systems — from wiring up ML pipelines to shipping GenAI-powered tools that actually solve real problems. Over the past couple of years I've gone deep on Python, mastered the fundamentals of C, and put both to work in projects ranging from fake-news detection models to LLM-based code reviewers. I learn fast, take ownership, and I'm looking for an environment where I can keep growing while contributing something meaningful.

EXPERIENCE

GenAI & Data Science — Self-Directed

Oct 2025 – Aug 2026

- Progressed from classical ML models to deep learning architectures and production-ready Generative AI workflows.
- Built and deployed end-to-end ML pipelines with MLflow experiment tracking, Docker containerisation, and CI/CD automation.
- Applied NumPy and Pandas extensively for data wrangling, feature engineering, and model evaluation.

Self-Directed Learning in C

Aug 2023 – Aug 2024

- Completed an intensive 12-month deep-dive into C programming — covering memory management, pointers, data structures, and advanced algorithmic concepts.
- Built several low-level projects to solidify understanding of how computers actually work beneath the abstractions.

PROJECTS

AI Discord Chatbot — A smart moderation and Q&A bot for Discord servers — handles user queries, enforces rules, and keeps communities running smoothly.

AI Developer Code Reviewer — An LLM-powered tool that analyses code for bugs, anti-patterns, and performance issues, then suggests concrete fixes and optimisations.

Real-Time Fake News Detection — A Machine Learning model built in Python that classifies news articles and flags misinformation as it surfaces in live news streams.

EDUCATION

B.Tech, Computer Science | 2023 – 2027

Parul University, Gujarat CGPA: 7.43

Higher Secondary | 2021 – 2023

Sigma School, Porbandar, Gujarat Percentage: 60.61%

Secondary Education | 2020 – 2021

Sigma School, Porbandar, Gujarat Percentage: 78.66%

SKILLS

Python	Java	C	SQL
Machine Learning	Deep Learning	GenAI / LLMs	Data Science
Data Analysis	MLflow	Docker	CI/CD
NumPy / Pandas	Git / GitHub	Data Structures	Algorithms
HTML	CSS	JavaScript	Web Development

LANGUAGES

English | Hindi | Gujarati

ACHIEVEMENTS

- Participant — SHI Hackathon 2025

ONLINE PRESENCE

LinkedIn: [linkedin.com/in/raj-rathod-ai](https://www.linkedin.com/in/raj-rathod-ai)

GitHub: github.com/Raj-Rathod-Ai

LeetCode: leetcode.com/u/Rathod-Raj-Ai