Prathamesh Ranjit Salokhe

AI & Data Science Undergraduate

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Summary

AI & Data Science undergraduate specializing in Generative AI, machine learning, and data-driven application development. Experienced in building Retrieval-Augmented Generation (RAG) systems, LLM-powered applications, automated data pipelines, and REST API–based services using Python, SQL, and cloud platforms.

Work Experience

Generative AI Intern — Sunbeam Infotech Pvt. Ltd., Pune *Dec 2025 – Jan 2026*

- Engineered RAG-based Generative AI applications using cloud-hosted and local LLMs, supporting 500+ queries
- Improved response relevance by 30% using optimized embeddings and vector-based retrieval
- Automated web data ingestion pipelines using Selenium, reducing manual effort by 70%
- Built Streamlit dashboards and integrated modular AI workflows via REST APIs

AI–ML Virtual Intern — Google for Developers × EduSkills *Jul 2025 – Sep 2025*

- Applied supervised and unsupervised ML algorithms on structured datasets
- Performed data preprocessing, feature engineering, and model evaluation in Python

Projects

TracLyst — LeetCode Progress Analytics Platform

- Built a Chrome extension to track daily LeetCode problem-solving activity
- Designed REST APIs and dashboards to visualize trends and consistency metrics
- Implemented inactivity detection for classroom-level monitoring (100+ users)

Sunbeam Chatbot — RAG-Based AI Query System

- Developed an AI chatbot for course and internship queries using contextual retrieval
- Implemented RAG for accurate, source-grounded responses
- Automated data ingestion and delivered a Streamlit-based conversational UI

Education

B.Tech in Artificial Intelligence & Data Science — DKTE Engineering Institute *2023 – Present*
CGPA: 8.88 / 10

Class XII — Maharashtra State Board *2022 – 2023*
69.70%

Class X — Maharashtra State Board *2020 – 2021*
95.40%

Skills

Programming: Python, Java, C, SQL, HTML, CSS, OOP
AI & ML: Generative AI, LLMs, RAG, Machine Learning, Data Pipelines
Libraries & Frameworks: NumPy, Pandas, OpenCV, Selenium, Streamlit, Bootstrap 5
Tools & Platforms: Git, GitHub, MySQL, Firebase, IBM Cloud, Microsoft Azure, Google Cloud Platform, REST APIs

Certifications

- Python Programming — OpenEdge
- AI–ML Virtual Internship — Google for Developers × EduSkills
- Introduction to Machine Learning — Coursera