



PRIYANSHU SAH

AI&ML

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EDUCATION

Thakur College of Engineering and Technology

Currently pursuing Bachelor of Technology
June 2026

GPA: 8.83 CGPA

Mumbai, MH

Expected

- **Honors:** Major in Artificial Intelligence & Machine Learning
- **Minors:** Applied Machine Learning
- **Coursework:** OOPS, DSA, DBMS, Machine Learning, Data Science, Deep Learning, Web Development, Computer Vision.

Jiten Modi Jr College

Higher Secondary School

GPA: 7.95 GPA

Mumbai, MH

March 2022

- **Honors:** Major in Computer Science
- **Coursework:** Physics, Mathematics, and Computer Science (OS , DSA , C , HTML)

Sri Balaji International School

Senior Secondary School

GPA: 8.74 GPA

Mumbai, MH

March 2020

WORK EXPERIENCE

Konma Organization

Fellowship, Fullstack with AI

Mumbai (Remote)

Dec 2024 – Ongoing

- Created **Srpski AI**, chatbot using **GPT & Perplexity AI**, integrating **function calling** for **real-time data retrieval**. Developed the **complete backend**, supporting **multiple languages** and providing location-based priority for **Serbian users**.

CHART RAIDERS

Intern, Jr AI Dev

Mumbai (Remote)

FEB 2024 – Ongoing

- Developed Scan Bot (Prototype), a **closed-domain chatbot** with advanced **reasoning** and a **complex RAG pipeline**. Leveraged **self-collected and synthetic data**, fine-tuning **LLMs and SLMs** for enhanced accuracy and **scalability**.

PROJECTS

Alumni Portal – Community Platform for AIML Department

- Developed a platform for **alumni** to connect with **current students**, share career opportunities, and provide mentorship. Integrated discussion and real-time updates for events and announcements. Users are seamlessly redirected to **Discord** for **direct communication**, fostering a **collaborative alumni-student network**.

Srpski AI – Multi-language Chatbot

API's, React, Nodejs

- Developed a chatbot using **GPT API and Perplexity AI**, integrating **function calling** for **real-time data retrieval**. Built the entire backend infrastructure, incorporating location tracking to prioritize **Serbian users**. Key features include delivering location specific recent news updates while supporting **multiple languages**. Focused on improving **data handling and accessibility** for users.

ScanBot – AI-Powered Trading Assistant

LangChain, Vector DB, AWS Sagemaker, UnsLoth, ElasticSearch

- Developed a **text-based helpbot** that fetches and processes **trading video transcripts & metadata** for closed/open-domain knowledge. Used **LLMs to generate synthetic Q&A datasets** and fine-tuned **SLMs via UnsLoth** for **fast, high-quality responses** in resource-constrained environments. Integrated **LangChain & Vector DB** for efficient retrieval, ensuring **context-aware trading insights**.

EcoChain – Decentralized Carbon Credit Trading Platform

Ethereum, Solidity, React.js, Node.js, Python

- Developed a blockchain platform for **transparent carbon credit trading** using smart contracts and Web3. Key features include **tokenized carbon credits**, **automated trading** and decentralized project funding, promoting **eco-friendly practices** and secure immutable transactions. Addressed challenges like **double-counting and market transparency** fostering sustainability.
 - Repository Link:- <https://github.com/tech-enerzal/EcoChain>

Supplyzal – Blockchain-based Sustainable Supply Chain System

Ethereum, Hardhat, Node.js, Python

- Developed using **smart contracts and blockchain-based login**, it ensures **secure, tamper-proof product tracking**. It includes **real-time carbon footprint, QR-code transparency, and verified sustainability certifications**, reducing inefficiencies by **25%**, cutting emissions by **15%**, and promoting ethical sourcing, addressing sustainability challenges for both users & manufacturers.
 - Repository Link:- <https://github.com/tech-enerzal/Technovate2.0>

Enerzal - Organizational Chatbot

RAG, Flask, Vector DB, 2FA(TOTP)

- Developed a **scalable, customizable chatbot** solution for **large organizations, automating HR, IT support, and event queries** with dashboard integration and automated IT ticketing, **increasing productivity by 8%**, leveraging an AI (RAG) pipeline **with 40% lower operational costs, sub-5-second response times, and security features like 2FA TOTP**, enhancing efficiency.
 - Repository Link:- <https://github.com/tech-enerzal/Chatbot-GAIL>

Finzal – an AI-Driven Personal Financial Advisor

Python, AI, Data Analysis, RAG, Langchain, MongoDB

- Developed an AI-powered **financial advisor** tailored for **Indian users**, utilizing transaction history analysis to deliver **personalized budgets, savings strategies, and investment recommendations**. Integrated **real-time expense tracking, proactive alerts, and financial literacy tools, achieving a 20% improvement** in financial planning decision-making.
 - Repository Link:- https://github.com/tech-enerzal/Finance_Assistant

LEADERSHIP EXPERIENCE

TCET- ACM SIG AI

Mumbai, MH

Technical Head

July 2024 – July 2025

- Led **AI and open-source initiatives**, managing projects and fostering hands-on learning.
- Organized **5+ technical workshops**, training **500+ students** in AI, ML, and emerging technologies.
- Served as **Project Lead** for the **SIG AI website**, overseeing development, deployment, and maintenance.
- Coordinated **AI research teams**, streamlining collaboration and project execution.
- Contributed to **cultural events like Zephyr**, handling technical aspects and event planning.

SKILLS

- **Technical Skills:** Python, Machine Learning, HTML, CSS, JavaScript, Canva, AutoCAD, Tech Documentation, MongoDB, Data Analytics, Data Science, SQL, MS Excel, MS Word.
- **Certifications & Training:** HTML/CSS, Web Development, Web Animation, Data Science (Python), DSA, Product Life Cycle.

PUBLICATIONS

- Review Paper on Explainable AI-powered chatbots for Academic Advising in Multicon W 25, Data analysis to identify improper consumer behavior in International Conference on Intelligent Computing and Networking, Multicon W 24,
- Article on Chatbots : Revolutionizing Conversations in Tejas, AIML Dept magazine.

ACHIEVEMENTS

- Secured 4th Rank at Technovate 2.0, organised by Rotaract District 3141 (Mumbai).
- Secured 8th Rank at Intel KPRIET National Level GEN AI Hackathon 2024 at Coimbatore.
- Nominated from AI&ML Department & TCET as Top 50 teams for SIH 2024.
- Organized various national and institute-level events as a TCET SIG AI Core Committee Member (AY 2024).
- Actively participated and presented my research paper in Multicon `24