

JAI DAYANAND

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EDUCATION

Mukesh Patel School of Technology Management and Engineering, NMIMS

Mumbai, India

Bachelor of Technology in Computer Science

July 2022 – Present

Relevant Coursework: Database Management Systems, Software Engineering, Data Structures, Operations Research, Artificial Intelligence, Image Video Processing, Business Information Visualization and Analysis, Natural Language Processing.

CORE COMPETENCIES

Programming Languages: Python, Java, C++, JavaScript

Web Development: HTML, CSS, ReactJS, Bootstrap

Machine Learning & Data Analytics: Data preprocessing, EDA, LLMs, NLP, RAG

Databases: MySQL, FASTAPI

Software & Tools: VS Code, PyCharm, IntelliJ IDEA, Jupyter Notebook, MATLAB, SAS, Tableau, AutoCAD

Design & Collaboration Tools: GitHub, Figma, Canva

Interpersonal Skills: Public Speaking, Team Management, Time Management, Multitasking

WORK EXPERIENCE

63 Moons

Mumbai

Applied LLM Intern

May 2025 – July 2025

- Worked on an LLM-powered Legal Segmentation Web App to extract key sections — Judgments, Facts, Issues, and Arguments—from Indian legal documents, improving document comprehension and retrieval.
- Collaborated with the microservices team at 63moons to enhance and deploy a scalable architecture for legal document summarization, boosting overall system efficiency.

Headstarter AI

Mumbai

Software Engineer Fellowship

July 2024 – Sept 2024

- Contributed to the development of 5 projects utilizing Next.js, OpenAI, Clerk, Stripe, Pinecone, Firebase, and Material UI.
- Integrated OpenAI API for intelligent chatbot functionalities.
- Utilized Firebase for backend services, including real-time data synchronization.

INSEED Organization (Social Internship)

Mumbai

Volunteer

May 2023 – July 2023

- Provided basic STEM education to underprivileged children, fostering a love for learning and empowerment.
- Actively raised awareness about the harmful effects of plastic, advocating for environmental sustainability.

PROJECTS

Insight Aggregator | [Github](#)

June 2025

- Built a domain-agnostic pipeline for scraping, summarization, and vector storage with ChromaDB.
- Served insights via FastAPI with multi-source support and configurable domain targeting.

Flashcard Generator | [Github](#)

Aug 2024

- Developed a dynamic web application using Next.js with OpenAI API integration, delivering AI driven features.
- Implemented authentication with Clerk and streamlined e-commerce transactions using Stripe, improving user experience and security.

Professor Rating Chatbot | [Github](#)

Sept 2024

- Developed an AI-powered recommendation system to rank professors using Retrieval-Augmented Generation with OpenAI API.
- Implemented a Python-based query functionality to filter and retrieve relevant professor data.

Other projects are accessible on my [Github](#)

CAMPUS INVOLVEMENT

Innovation and Entrepreneurship cell NMIMS

Mumbai

Head of Public Relations

June 2024 – June 2025

- Managed communication strategies to enhance the cell's visibility and fostered partnerships with key stakeholders.

Robotics and Automation Society MPSTME

Mumbai

Sub-Head of Public Relations

Feb 2023 – Jan 2024

- Served as Public Relations Sub-head for Tech-no-logic, driving audience engagement and high footfall for a tech event featuring AR/VR, Rocket League, and a hydraulic maze.