Jai Dayanand

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OBJECTIVE

As a passionate beginner in the dynamic realm of technology, I am eager to contribute to cutting-edge projects and collaborative teams. I am confident in my ability to adapt and thrive in the ever-evolving tech landscape. I am enthusiastic about leveraging this knowledge to contribute meaningfully to the field.

EDUCATION

Qualification	Institute	Board/University	Year of passing
BTech Computer Engineering	Mukesh Patel School of Technology Management and Engineering	NMIMS Mumbai	Currently Pursuing
XII	MKVV International Vidyalaya	CBSE	2022
X	Thakur International School	ICSE	2020

CORE COMPETENCIES

Domain	Proficient In	Familiar With
Languages	Python, C++, C, Java	
Web Development	HTML5, CSS, JavaScript, MySQL	ReactJS, Bootstrap, Firebase
Data Analysis and Machine Learning	NumPy, Pandas, Matplotlib	
Software	Visual Studio Code, PyCharm, IntelliJ IDEA, Microsoft Office, Eclipse, Jupyter Notebook, Google Colab, Canva, GitHub, Figma	RStudio, MATLAB, MySQL, SaS, AutoCAD
Concepts	Linear Algebra and Differential Equations, Database Management Systems, Object Oriented Programming, Data Structures, Design and Analysis of Algorithms, Operations Research, Artificial Intelligence, Digital Logic Design, Image Video Processing, Operating System, Software Engineering, Theoretical Computer Science, Web Programming, Business Information Visualization and Analysis	
Interpersonal	Public Speaking, Team Management, Time Management, Multitasking	

KEY PROJECTS

Project	Duration	Platform Used	Description
Website for Chasten Rubber Product Website | Github	1 month	Visual Studio Code	• Designed and developed a responsive website using HTML, CSS, and JavaScript to showcase company products and services. • Maintained and updated website content to ensure accuracy and relevance. • **Languages Used:** HTML, CSS, JavaScript, Bootstrap
AI Flashcard Generator Github	2 weeks	Visual Studio Code	• Built a dynamic web application leveraging Next.js with OpenAI API integration to provide AI-driven functionalities. • Integrated authentication using Clerk and enhanced e-commerce transactions with Stripe. • **Tools and languages used:** Next.js, Clerk, Stripe API, OpenAI API

Student Ranking System Github	1 month	Visual Studio Code	• Designed a Python script to rank students in ascending and descending order based on multiple metrics, streamlining data analysis processes. • Added query functionality to retrieve and filter student data, improving efficiency in decision-making. • **Tools and Languages used**: Python, Numpy, Pandas
AI Rate-my-Professor Github	1 month	Jupyter Notebook	• 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. • **Tools and frameworks used:** OpenAI API, NextJS, Firebase, JSON, Vercel

EXPERIENCE

Company	Duration	Profile	Description
INSEED Organisation	2 months	Volunteer	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.
Headstarter AI	7 weeks	Software Engineer Fellowship	Developed 5 projects using Next.js, OpenAI, Clerk, Stripe, Pinecone, Firebase, and Material UI. Integrated OpenAI API for chatbots, implemented secure payments with Stripe, and utilized Firebase for real-time backend services.

EXTRA-CURRICULAR ACTIVITIES

Committee	Description
Innovation and Entrepreneurship cell NMIMS	Managed communication strategies to enhance the cell's visibility and fostered partnerships with key stakeholders as the Public Relations Head.
Robotics and Automation Society MPSTME	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.
4C – The Marketing Cell of NMIMS	PR Executive for 4C NMIMS, driving outreach strategies, media relations, and brand visibility initiatives.

LANGUAGES

English	Full professional proficiency	**Hindi**	Full professional proficiency
Gujarati	Full professional proficiency	**Marathi**	Limited working proficiency