Jai Dayanand

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EDUCATION

NMIMS Mukesh Patel School of Technology Management & Engineering   **Mumbai, India**

Bachelor of Technology in **Computer Science** (GPA: 3.67)   2022-2026

Relevant Coursework: Data Structures and Algorithms (**C++**), Design and Analysis of Algorithms, Web Programming (**HTML, CSS, Angular, Node.js, MySQL**), Database Management Systems (**MySQL**), OOP (**Java**)

EXPERIENCE

Headstarter AI – Software Engineer Fellowship (Remote)   **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.
- Developed secure payment processing systems with Stripe.
- Utilized Firebase for backend services, including real-time data synchronization.

CAMPUS & COMMUNITY INVOLVEMENT

Innovation And Entrepreneurship Cell – [Head of Public Relations]   **July 2022 – Present**

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

INSEED Organisation – [Social Internship]   **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

Website for Chasten Rubber Product │ *Website*

- 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**.

AI Flashcard Generator │ *Github*

- 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.

Student Ranking System │ *Github*

- Developed a Python script to rank students in both increasing and decreasing order based on various metrics, **optimizing data analysis**.
- Implemented query functionality in Python to **retrieve and filter student data**, enhancing **decision-making** efficiency.

Other projects are accessible on my github

SKILLS

Technical: Python, Java, HTML, CSS, C++, Basics of Next.js, MySQL, Material UI, Bootstrap.

Additional: DBMS, Microsoft Office, Visual Studio Code, Firebase, Clerk, Pinecone, Stripe.

Creative: Public Speaking, Team Management, Time Management, Multitasking.