

# Vedant Tripathi



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A highly motivated Engineering student pursuing a B.Tech in Computer Science and Engineering, expected graduation in 2027. Eager to apply technical skills and problem-solving abilities gained through coursework. Actively seeking opportunities to contribute to innovative projects. Committed to continuous learning and professional development within the tech industry, with a focus on developing expertise in cutting-edge technologies.

## WORK EXPERIENCE

### CHAINFLY • Jun 2025 - Present Backend Intern

- Actively contributing to the design and implementation of backend services for web applications.
- Collaborating with the engineering team to optimize database performance and ensure system scalability.
- Assisting in the development and maintenance of server-side logic and APIs.

### School of Computer Science & Engineering , MUJ • Nov 2023 - Mar 2025 Social MediaManager

- Manage the official LinkedIn page, creating and curating engaging content to foster community and disseminate information to students and faculty.
- Develop strategies to increase page engagement and follower growth.

### IEEE Student Chapter, MUJ • Jul 2024 - Apr 2025 Head of Events

- Led the planning, coordination, and execution of all student chapter events, including technical workshops, seminars, and competitions.
- Managed event logistics, including scheduling, promotions, and resource allocation, resulting in successfully executed events for the student community.

### TEDxManipalUniversityJaipur • Oct 2024 - Jan 2025 Operations Core Committee

- Played a key role in the logistical and operational framework for the annual TEDx conference.
- Coordinated on-ground activities to ensure a seamless and enriching experience for all attendees and speakers.

### IAESTE India LC MUJ • Jan 2024 - Sep 2024 Incoming Coordinator

- Served as the primary point of contact for incoming international interns, managing their reception and integration into the university environment.
- Coordinated logistics related to student affairs to facilitate a welcoming and supportive experience.

## EDUCATION

**Bachelor of Technology (B.Tech), Computer Science and Communication**  
Manipal University Jaipur • Jan 2023 - Jan 2027

Jaipur, Rajasthan

**Senior School Certificate (CBSE), Physics, Chemistry & Maths**  
Tagore International School (Vasant Vihar) • Jan 2023

Delhi, India

CERTIFICATIONS

Front End Web Development with React JS & JavaScript Google AI  
Essentials Foundations of User Experience (UX) Design  
Ordered Data Structures

PROJECTS

Recipe Recommendation Mode • Jan 2025 - Apr 2025

- Developed a concept for an intelligent recipe recommendation system to provide personalized meal suggestions based on user dietary preferences, restrictions, and habits.
- Researched collaborative filtering and content-based filtering algorithms for personalizing recipe recommendations.

Fuel and Trip Analysis Tracker • Feb 2025 - Apr 2025

- Designed a comprehensive database system to track and analyze vehicle fuel consumption and trip data.
- Created a detailed ER diagram defining key entities (User, Vehicle, Fuel Log) and relationships to ensure data integrity and efficient querying.
- Conceptualized a system architecture using Python frameworks to provide LINK : <https://vedantrip.github.io/FuelAnalytics> analytics on fuel efficiency and vehicle performance.

SKILLS

- API integration
  - Data Structures
  - FastAPI
- HTML
  - Microsoft Azure
  - Python
- RDBMS
  - React. js

Technical Skills

- CSS
- JavaScript
- Solar Power Systems