

# Sarthak Kumar

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## EDUCATION

### Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.58/10

Bhopal, Madhya Pradesh

Oct 2022 – Present

### Lucknow Public School

Class XII (CBSE), Percentage: 89.2%

Sitapur, Uttar Pradesh

Apr 2021 – June 2022

### Lucknow Public School

Class X (CBSE), Percentage: 88.2%

Sitapur, Uttar Pradesh

Apr 2019 – May 2020

## CORE COMPETENCIES

- Project Management & Strategy:** End-to-end Product Delivery, Agile Methodologies, Cross-functional Collaboration, Strategic Planning
- Analytical & Problem Solving:** Data Analysis, Process Optimization, System Scalability, Needs Assessment
- Product Design:** UI/UX Principles, Wireframing (Figma), User-Centric Development
- Communication & Leadership:** Event Organization, Marketing, Team Coordination, Empathic User Engagement

## KEY PROJECTS & EXPERIENCE

### Career Development & Alignment Platform

Jan 2025 – Mar 2025

- Managed the end-to-end development of a platform designed to align candidate profiles with job market demands, boosting user success metrics by up to 85%.
- Designed a Skill Gap Analysis engine that identifies missing qualifications and curates personalized upskilling recommendations.
- Optimized platform operations to successfully process over 1,000 user profiles, reducing average user customization time by 70%.

### Mental Wellness Application

Sep 2024 – Dec 2024

- Directed the creation of a responsive application offering personalized wellness exercises and daily mood tracking features.
- Integrated real-time sentiment analysis to detect user distress signals and automatically route them to supportive resources.
- Ensured a supportive user experience by implementing context-aware and empathetic conversational flows.

### Career Path Recommendation Engine

Apr 2024 – Aug 2024

- Developed an analytical tool that evaluates user skill sets and past projects to suggest tailored career paths and job openings.
- Leveraged data matching algorithms to achieve an 88% accuracy rate in pairing user profiles with specific industry requirements.

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

### Core Member - Fusion Club, VIT Bhopal

May 2024 – Oct 2024

- Co-organized 3 major campus events, each hosting 200+ attendees, managing logistics, vendor relations, and team coordination.
- Spearheaded targeted social media campaigns, driving a 25% increase in event participation.
- Designed promotional digital content, resulting in a 40% boost in overall event awareness and community engagement.

### Global Community Contributor

Oct 2023 – Present

- Collaborated with decentralized, global teams to improve and maintain community-driven products.
- Triaged, diagnosed, and resolved 13+ critical system issues, establishing rigorous quality control and improving product stability.

## PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

- Analytical Foundations:** Machine Learning Specialization (DeepLearning.AI)
- Technical Literacy:** Cloud Computing (NPTEL), Full Stack Certification Program (Ethnus)