

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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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)