

VIROCHNA SAXENA

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EDUCATION

Bachelor of Technology in Computer Science

VIT Bhopal University, Bhopal, Madhya Pradesh

Expected: October 2026

- CGPA: 8.46/10 (as of January 2025)
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PROJECTS

Smart Waste Management Initiative

- Developed an intuitive online platform that simplifies waste sorting for users, promoting environmentally responsible behavior.
- Implemented image recognition technology to quickly categorize waste items.
- Created resources to inspire users to participate in recycling through DIY projects.
- Leveraged mapping technology to connect users with nearby recycling facilities.
- Played a key role in achieving a measurable improvement in waste disposal habits among users.

Health Information Accessibility Project

- Designed a virtual assistant that helps people quickly find reliable health information, improving accessibility by 20%.
 - Ensured accurate and fast retrieval of medical details, reducing waiting time by 25%.
 - Improved the app's speed and ease of use, making responses 30% faster.
 - Worked closely with a team to build and refine the assistant's core features.
 - Collected feedback from users and continuously improved the experience, leading to higher satisfaction.
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SKILLS

- Project Coordination
 - Project Execution
 - Communication
 - Stakeholder Engagement
 - Problem Solving
 - Data Analysis
 - User Advocacy
 - User Experience Optimization
 - Skill Acquisition
 - Adaptability
 - Project Management
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ACTIVITIES

- 2x Runner-Up, College Chess Tournament (2023-2024): Competed in a tournament with 50+ participants.
 - Member, Health-o-Tech Club: Organized 5+ healthcare innovation hackathons and tech sessions, reaching 200+ participants.
 - India Space Lab Trainee: Developed a functional CANSAT prototype, completing an intensive space entrepreneurship and satellite development program.
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CERTIFICATES

- Introduction to Data Analytics - Coursera