

ARYAMAN SARANGI

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Education

VIT Bhopal University, Bhopal – B.Tech in CSE (Cloud Computing and Automation) CGPA: 8.5	2022 – 2026
Vikash The Concept School, Sambalpur – Class XII (CBSE) Percentage: 95.0%	2021
Jawahar Navodaya Vidyalaya, Balangir – Class X (CBSE) Percentage: 92.0%	2019

Skills

Programming: Java, Python(Basic), C++ (Basic)
Web Development: HTML, CSS, Javascript, MERN full stack
Databases: MySQL **Tools:** Git, GitHub

Experience

Academic Projects & Independent Learning

- Implemented ML models on real-world datasets and analyzed performance metrics
- Collaborated on frontend-backend integration in group-based web development projects

Academic Projects

EduSpark – Learning Management System – MERN Stack, Cloudinary	2025
• Engineered a role-based LMS where instructors can design/manage courses, students enroll and track progress	
• Enhanced usability with secure authentication, media uploads & dashboards	
Crop Yield Prediction – Python, ML, Flask	2024
• Trained Decision Tree Regressor on 5000+ records with 5 parameters (rainfall, temp, etc.)	
• Built Flask app for real-time yield prediction with ~85% accuracy	
TranscribeMate: Speech-to-Text Converter – React.js, Speech Recognition APIs, CSS styling	2023
• Built a responsive React.js app enabling real-time speech transcription	
• Integrated browser-based Speech Recognition API with ~95% accuracy	
• Conducted cross-browser testing for functionality and accessibility	

Achievements

- Merit Certificate by CBSE for scoring 100 in Mathematics (Class X)
- Led project exhibitions during first and second year
- Represented school in Regional Volleyball Tournament
- Participated in Aarambh'23 and Advitya'23 Volleyball at university

Extra Curriculars

Languages: English (Professional), Hindi (Fluent), Odia (Native)
Sports & Hobbies: Volleyball (team player), Cricket enthusiast
Interests: Travel & cultural exploration; visited 6+ Indian states