

# ARYAMAN SARANGI

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## Education

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

## Skills

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**Programming:** Java, Python(Basic), C++(Basic)

**Web Development:** HTML, CSS, Javascript, MERN full stack

**Databases:** MySQL    **Tools:** Git, GitHub

## Experience

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### 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

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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

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- 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

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**Languages:** English (Professional), Hindi (Fluent), Odia (Native)

**Sports & Hobbies:** Volleyball (team player), Cricket enthusiast

**Interests:** Travel & cultural exploration; visited 6+ Indian states