

## ARYAMAN SARANGI

[sarangiaryaman@gmail.com](mailto:sarangiaryaman@gmail.com) | [\(+91\)7978078887](tel:+917978078887)

 [@AryamanSarangi](https://github.com/AryamanSarangi)

[/aryamansarangi](https://www.linkedin.com/in/aryamansarangi) 

### SKILLS

- ❖ Java, Python(Basic),C++(Basic)
- ❖ HTML, CSS, Javascript, MERN full stack
- ❖ MySQL
- ❖ Git, GitHub

### EDUCATION

- ❖ B.Tech- CSE (Cloud computing and automation) CGPA: 8.5 | 2022-2026  
VIT Bhopal University,Bhopal
- ❖ XII (CBSE) | Vikash the concept school, Sambalpur 95.0% | 2021
- ❖ X(CBSE)| Jawahar Navodaya Vidyalaya, Balangir 92.0% | 2019

### 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

- ❖ **TranscribeMate: Speech-to-Text Converter**  
**Technologies:** React.js, Speech Recognition APIs, CSS styling
  - Built a fully responsive React.js application enabling real-time speech transcription
  - Integrated browser-based Speech Recognition API with 95% accuracy in ideal conditions
  - Conducted cross-browser testing to ensure functionality and accessibility
- ❖ **EduSpark – Learning Management System**  
**Technologies:** MERN Stack (MongoDB, Express, React, Node.js), Cloudinary
  - Engineered a role-based LMS where instructors can **design & manage courses** while students seamlessly enroll and track progress.
  - Enhanced platform usability with **secure authentication, media uploads & dashboards**, improving course creation efficiency by ~40%.
- ❖ **Crop Yield Prediction**  
**Technologies:** Python, Machine Learning, Flask
  - Trained a Decision Tree Regressor using 5000+ data records across 5 parameters (rainfall, temperature, etc.)
  - Built a Flask web application for real-time yield prediction based on user input
  - Achieved prediction accuracy of ~85% after hyperparameter tuning and normalization

### ACHIEVEMENTS

- ❖ Awarded a **Merit Certificate by CBSE** for scoring **100 in Mathematics** in Class X
- ❖ Played the lead role in Project Exhibitions held in my First and Second year.
- ❖ Represented school in a **Regional-Level Volleyball Tournament** .
- ❖ Participated in **Aarambh'23** and **Advitya'23** Volleyball events at university

### EXTRA CURRICULARS

- ❖ **Languages:** English (Professional), Hindi (Fluent), Odia (Native).
- ❖ **Sports & Hobbies :** Passionate volleyball player and cricket enthusiast
- ❖ **Interests:** Travel and cultural exploration; visited 6+ Indian states