

# Harshit Ranjan

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## OBJECTIVE

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Motivated Bioengineering student with a strong passion for healthcare technology and medical devices and a solid academic foundation and a passion for biomechanics and product development.

Enthusiastic about leveraging engineering and technology to enhance patient care and medical innovation. Seeking opportunities in medical device development, healthcare technology research, or regulatory affairs to contribute to advancements in the field.

## EDUCATION

- VIT Bhopal University**  
Bachelor of Technology  
B. tech Major in Bioengineering  
Cumulative GPA: 7.75/10  
Bhopal, MP  
Oct, 2022 – 2026
- Delhi Public School**  
Std XII from CBSE and scored **90%** in Board Examination  
Ranchi, Jharkhand  
May 2021
- Delhi Public School**  
Std X from CBSE and scored **95.6%** in Board Examination  
Ranchi, Jharkhand  
March 2019

## PROJECTS

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### Phytoremediation an Invention of Seedballs

- Our aim was to provide Seedballs to Reforestation in and around VIT Bhopal from local vendors at cheaper rate.
- Phytoremediation stands as a cutting-edge and eco-friendly environmental remediation technique, harnessing the inherent capabilities of plants to combat a diverse array of environmental pollutants. This comprehensive project report delves into the realm of phytoremediation, with a specialized focus on the innovative application of seedballs.
- These encapsulated seeds offer a sustainable and efficient method to enhance the efficacy of phytoremediation, providing a potential solution to address soil and water pollution.

## EXPERIENCE

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- INTERN** **SIEMENS Healthineers, Bengaluru**

## SKILLS

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### Programming languages and Technical Skills

- Python, JAVA
- MS Excel & Office
- AutoCAD
- CANVA
- MATLAB
- FIGMA(UI/UX)
- CREO

### Languages

Proficient in Hindi and English, Basic French

## Non-Technical Skills

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- Communication Skills
- Collaboration and Teamwork
- Problem Solving Abilities
- Leadership

- **Adaptability and Continuous Learning**
- **Time Management**

## ACHIEVEMENTS and EXTRA-CURRICULAR

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- **School Ambassador** **Delhi Public School, Ranchi**  
Class 10
- **School Prefect** **Delhi Public School, Ranchi**  
Class 12
- **Co-authored** the book *Yet Another Addition to Data Science: Focusing on Simple Non-Linear Innovative Model for Prediction (SINLIMP)* with Professor N.C. Das, published by Shroff Publishers and launched on 14.12.2024 at **IIT Bombay**.
- **AdVITya** **VIT Bhopal University**  
Team Panthers Player February 2023  
Grabbed First Place in Cricket Championship in the Sports Fest.
- **AdVITya** **VIT Bhopal University**  
Tech Team Head. January 2023-2025

## CERTIFICATIONS

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Applied Machine Learning in Python -University of Michigan [Coursera] – December 2023

Phyton Programming NPTEL Govt. Of India Course July 2024