Contact

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Top Skills

Data Analysis

Sustainable Agriculture

Leadership

Ravish Kumar

Land use change & Forestry department|UG|Industrial Waste Management|WWTT|laboratory skills |
Mahendragarh district, Haryana, India

Summary

I am Ravish Kumar, an aspiring undergraduate student in Industrial Waste Management at the Central University of Haryana. I have a strong academic background and a deep interest in environmental pollution control, wastewater treatment, and sustainable waste management.

My skills are well-developed in these areas, and I am always open to internships, projects, and future career opportunities in the environmental sector.

1. Wastewater Treatment

•Skilled in monitoring and maintenance of wastewater treatment plants.
•Hands-on experience in operating STP and ETP plants.
•Completed internship at Hitesh Enviroengineers, Gurugram as a Plant Operator.

2. Water Quality Testing Techniques

•Proficient in analyzing water parameters: BOD, COD, Hardness, Chloride, Sulphate, TDS, TSS, DO, Alkalinity, Phosphate, Conductivity, pH, Oil & Grease, and more.
•Completed internship at Bihar State Pollution Control Board (BSPCB), Patna – Jan 2025, where I gained practical training in water quality testing.

3. Solid Waste Management

•Knowledge of different types of solid waste, screening, and separation techniques.
•Experienced in reuse and recycling methods to develop new products.

4. Waste Management & Resource Utilization

•Understanding of waste-to-value techniques and sustainable waste management.
•Familiar with composting methods, pellet making, biofuel production, and innovative waste-to-business models.
•Basic knowledge of marketing analysis for sustainable waste solutions

Apart from my academic interests, I am passionate about music and creativity. I enjoy singing and listening to songs, and I have strong skills in video editing. I love creating and sharing nature-focused videos on social media to showcase the beauty of the environment and inspire others to value sustainability.

In addition to this, I have actively participated in extracurricular and innovation-driven events:

•Represented my university team at the Smart India Hackathon (CUH), where our team secured 3rd position.

•Participated in Science Day 2024 at CUH, where our team achieved a notable position.

These experiences have helped me build teamwork, creativity, and problem-solving skills alongside my academic and professional journey.#

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Experience

VNV - Value Network Ventures
Intern - Land Use Change & Forestry
October 2025 - Present (3 months)
Haryana, India

I'm currently working on the project "Alternate Wetting and Drying (AWD) for Methane and Carbon Reduction in Agriculture." My role involves verifying and analyzing farmers' data from specific regions to ensure accuracy and consistency. I cross-check details such as fertilizer and pesticide usage, seed

types, dates of seeding and transplantation, and monitor daily AWD process records to assess carbon and methane reduction levels. This internship allows me to contribute towards promoting sustainable farming practices and reducing greenhouse gas emissions through data-driven analysis and field insights.

Bihar State Pollution Control Board
Laboratory Analyst
January 2025 - February 2025 (2 months)
Patna, Bihar, India

Executed various water testing procedures (COD, BOD, Hardness, Sulphate, TDS) while developing proficiency in laboratory techniques and instrument handling.

HITESH ENVIRO ENGINEERS PVT LTD
Water Treatment Operator
March 2024 - April 2024 (2 months)
Gurugram, Haryana, India

Gained hands-on experience in wastewater treatment operations, real-time environmental monitoring, and comprehensive wastewater management practices at an ETP PLANT

Education

Central University of Haryana, Mahendergarh
Industrial Waste Management, Water Quality and Wastewater Treatment Management and Recycling Technology/Technician · (August 2023 - July 2026)

Munshi Singh College, Motihari
Intermediate In Science (PCM) · (June 2020 - July 2022)