

TAPAN SHRIVASTAVA

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EDUCATION

Maharshi Dayanand University (MDU), Gurgaon Haryana, India

Sept 2024 - Present

Masters of Technology: Computer Application

Barkatullah University, Bopal, Madhya Pradesh, India

Aug 2020 - July 2023

Bachelors of Science: Physics, Chemistry and Maths

SKILLS SUMMARY

- **Languages & Technologies:** C/C++, Java, HTML5, CSS, JavaScript, React Js, React Native, Node.js, Python, Data Analyst
- **Frameworks:** Bootstrap, React
- **Tools & Platforms:** VS Code, Turbo C, Git, Web, Windows, Linux, Cloud Computing
- **Soft Skills:** Leadership, Event Management, Technical Writing, Time Management, Public Speaking

PROJECT

World College Of Technology APP - [Live](#)

March 2025 - April 2025

- Developed a comprehensive **mobile application** for World College of Technology and Management to enhance communication among **faculty, students, and admins**.
- Integrated **features** like faculty login/registration, student profiles, admin dashboards, guest access, and an about section using **React Native, Expo**, and Firebase.
- Improved **academic engagement** and streamlined access to institutional resources through a user-friendly and efficient interface

Smart Product Labeling and Traceability System

- Developed a Smart Labeling System using Python and QR Code technology to encode product data such as Device ID, Batch ID, and Manufacturing Date.
- Implemented OCR-based validation with EasyOCR and OpenCV to extract and verify label contents for traceability and compliance.
- Automated inspection logging with CSV data storage, recording PASS/FAIL results to support batch-level quality control.

ACHIEVEMENTS

- **Rashtriya Seva Yojana Participant:** Contributed to social welfare and community development initiatives, demonstrating commitment to public service and societal impact. ([Link](#))
- **Athlete, Yuva Kalyan Yojana:** Represented as a [football](#) and [volleyball](#) player, demonstrating strong athletic abilities, teamwork, and sportsmanship.
- **NCC Quiz Competition:** Secured [3rd position](#) in an all-level college program, showcasing exceptional knowledge and quick decision-making abilities.
- **Table Tennis Runner-Up:** Achieved runner-up position in a division-level college [table tennis](#) competition, demonstrating skill, focus, and competitive spirit.
- **Role:** Participated in a Youth Parliament as a public speaker, addressing the critical topic of "Women's Empowerment."

LANGUAGE

- English
- Hindi