TANVI MAHESHWARI

ASPIRING DATA ANALYST AND WEB DEVELOPER

CONTACT

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- Pune, Maharashtra, India
- Linkedin
- Github

SKILLS

- Web Development
  (HTML, CSS, JS, React, Java, Git, PHP)
- WordPress
- Python
- Machine Learning
- Natural Language Processing
- Cloud Computing
- MySQL
- Tableau / Power BI
- NoSQL(MongoDB)
- Deep Learning
- Big Data Analytics (Apache)

LANGUAGES

- English
- Hindi

CERTIFICATIONS

- Google Analytics Certificate (06/2025)
- IBM ML Certification (06/2025)
- IBM Data Fundamentals (06/2025)
- IBM Machine Learning (06/2025)
- TATA GenAI Data Analytics (06/2025)
- Deloitte Data Analytics Job Simulation (05/2025)
- Algorithmic Problem Solving (04/2025)
- Microsoft MS Excel (02/2025)

PROFILE

Final-year Engineering student with practical knowledge in Data Science, AI, and Full-Stack Development. Experienced in developing real-world applications integrating ML, data engineering, and web technologies for social good and business intelligence. Proficient in Python, Java, SQL, React, Spring Boot, PHP and Tableau. Experienced in web scraping, visualization, and deploying cloud-ready scalable solutions. Keen to tackle complex issues with intelligent systems and working with Developers, AI, analytics, or product teams.

PROJECTS

Real-Time Water Crisis Management System

- Developed a smart, AI-powered platform for monitoring, predicting, and mitigating water-related disasters.LSTM for time-series forecasting, and CNN for satellite-based flood detection.
- Achieved ~94% accuracy in flood prediction and developed smart irrigation recommendations based on water usage patterns.

Tourism Data Insights: Full-Stack Web Scraping & Visual Analytics

- Scraped tourism data from TravelTriangle.com using Python (Scrapy), processed it with Pandas, and stored it in MongoDB.
- Built a responsive front-end with HTML, CSS, JavaScript, and visualized insights through an interactive Tableau dashboard.
- Tech Stack: Python, Scrapy, Pandas, MongoDB, HTML, CSS, JavaScript, Tableau

Food Redistribution Platform: Real-Time Donation & Logistics System

- Built a web app to connect food donors with NGOs and volunteers, reducing food waste through real-time logistics and secure coordination. Integrated JWT auth, Google Maps API for live tracking, and automated alerts to streamline pickups.
- Developed with Spring Boot, MongoDB, and React (Tailwind CSS).
- Tech Stack: Java, Spring Boot, JWT, MongoDB, React, Tailwind CSS, Google Maps API, Twilio API

EDUCATION

MIT World Peace University - **Pune, India**   2022 - 2026
Bachelor of Technology - Computer Science
CGPA: 7.62

IBS Global Academy- **Ujjain, India**   2020 - 2022
Class XII
Final Grade: 83%

Stanford International School - **Ujjain, India**   2020
Class X
Final Grade: 90.94%