

YASHOVARDHAN TIWARI

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EDUCATION

Vellore Institute of Technology Bhopal, Madhya Pradesh, India

B.Tech in Computer Science and Engineering · CGPA: 8.08 · Oct 2022 – May 2026

Ritual Public Sr. Sec.School, Kota, Rajasthan , India

Senior School Certificate Examination (Grade 12) · RBSE · 92.2% · Apr 2020 – Jul 2021

Hyudan Model School, Kota, Rajasthan, India

Secondary School Examination (Grade 10) · CBSE · 77.67% · Apr 2018 – May 2019

PROJECTS

AI-Powered Collaborative Tour Planner

Aug 2024 – Apr 2025 · Bhopal, Madhya Pradesh

Next.js React.js Tailwind CSS RESTful APIs MongoDB Machine Learning Node.js Python

- Built an AI-powered collaborative tour planner that analyzes preferences, optimizes itineraries, and enables real-time coordination for personalized travel planning.
- Developed React.js frontend and Node.js backend with modular services and API integrations.
- Integrated ML models in Python to learn from interactions and historical data for continuous improvement.
- Implemented chatbot assistants for instant support, local insights, and booking assistance.
- Used MongoDB for user profiles and itineraries; designed datasets to support AI training.
- Designed RESTful APIs for auth, itinerary persistence, and booking validation workflows.

Deal review dashboard for leadership

Jan 2025 – Apr 2025 · Bhopal, Madhya Pradesh

Python NLP Naive Bayes RNN Deep Learning

- Built a live dashboard combining HubSpot deals, activity logs, and AE productivity; metrics: stage velocity, win rate by segment, no-touch deals, next-step coverage, forecast vs. actual.
- Enabled weekly AE/VP reviews to remove blockers and prioritize “winnable now” opportunities.
- Applied tokenization and word embeddings to structure text and represent words as vectors.
- Used Naive Bayes for baseline classification and RNNs to model long-range dependencies.
- Applied deep learning methods to discover patterns and improve classification accuracy.

TECHNICAL SKILLS

Programming Languages

C++ Python SQL HTML CSS JavaScript

Tools

MySQL GitHub Excel

Frameworks

Pandas NumPy scikit-learn TensorFlow

Platforms

Jupyter Notebook VS Code