SPARSH TRIPATHI

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Examination	Majors	Institute	Year	CPI/%
Graduation	BTech CSE Core	VIT Bhopal University	2022-2026	7.95
ICSE	12	BOYS HIGH SCHOOL, PRAYAGRAJ	2021	91.2
ICSE	10	BOYS HIGH SCHOOL, PRAYAGRAJ	2019	89

SUMMARY

Aspiring AI/ML Engineer skilled in deep learning, full stack development, and cloud computing. Experience in Neural Networks (CNN, RNN), AI model deployment, and recommendation systems. Solved 150+ LeetCode problems, participated in competitive programming, and built scalable AI solutions.

TECHNICAL SKILLS

Programming	Java (OOPs), Python, C++
AI/ML Frameworks	TensorFlow, PyTorch, Keras
Data Science	Pandas, NumPy, Scikit-learn, Matplotlib
Deep Learning	CNN, RNN, Recommender Systems, NLP
Web Development	HTML, CSS, JavaScript,
Languages	English, Hindi,Japanese

PROJECTS

Career Navigator (Random Forest Regressor)
- Developed a Streamlit app that assesses student's technical strengths via MCQs and inputs.
- Predicts expected and target salary packages using a simulated ML model

IPL Data Analysis (Data Science — Python)
- Performed EDA (Exploratory Data Analysis) on IPL dataset using Pandas & Matplotlib.
- Generated insights on team performance, player stats, and match-winning patterns.

Car Showroom Management System (Java OOPs)

- Developed a Java-based inventory system using Object-Oriented Programming.
- Implemented file handling, data storage, and CRUD operations.

Customer Churn Prediction (ML — Classification Model)
- Built a classification model using Random Forest & Logistic Regression to predict customer churn.
- Improved model precision by 15% through hyperparameter tuning.

Certifications

1) IBM Profression AI Engineer- Coursera

2) Generative AI- IBM

3)DSA Bootcamp- Udemy

Achievements andExtra Curricular

1)Captained college football team and won 4 trophies.

2) Competed against 1000 students in multiple coding and aptitude rounds to get selected for special placement training batch (Immersion).

3) Solved 150+ leetcode questions to enhance problem solving ability

4) Volunteered in TCS placement drive and worked closely with the Placement Cell.