

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 130+ LeetCode problems, participated in competitive programming, and built scalable AI solutions.

TECHNICAL SKILLS

Programming	Java (OOPs), Python
AI/ML Frameworks	TensorFlow, PyTorch, Keras
Data Science	Pandas, NumPy, Scikit-learn, Matplotlib
Web Development	HTML, CSS, JavaScript
Competitive Coding	LeetCode (130+), Codeforces (35 problems, Rating 575)
Languages	English, Hindi, Japanese

PROJECTS

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.

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.

ACHIEVEMENTS & CERTIFICATIONS

- Solved 130+ LeetCode Questions — Rating: 1421
- Captained College Football Team, winning 4 titles
- DSA (Java) Bootcamp — Udemy
- IBM Professional AI Engineer Certification — Coursera
- IBM Generative AI Certification — IBM